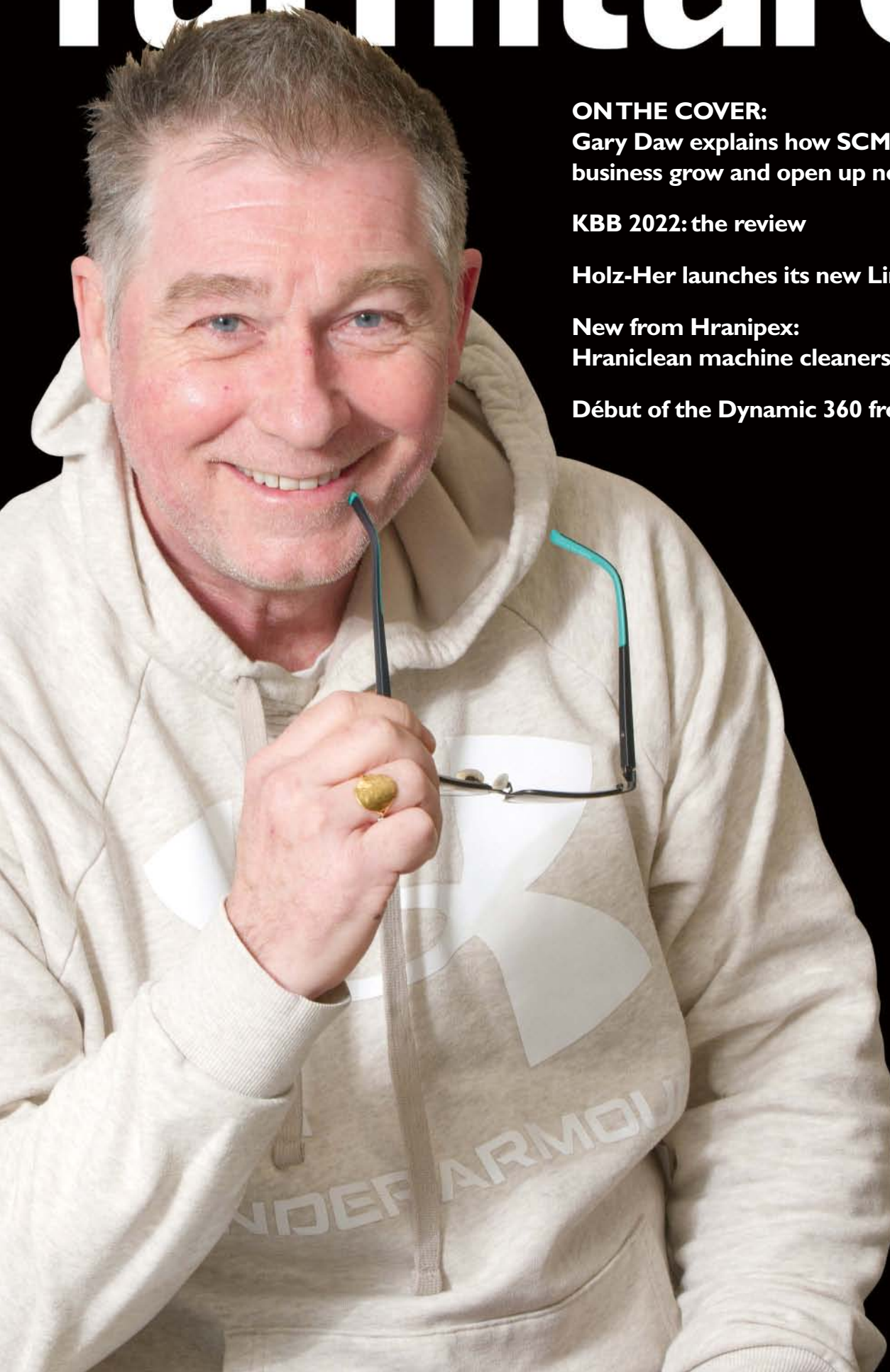


MAY 2022 furniture

JOURNAL



ON THE COVER:

Gary Daw explains how SCM has helped his business grow and open up new markets

KBB 2022: the review

Holz-Her launches its new Linea 6015

New from Hranipex:
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Début of the Dynamic 360 from Combilift

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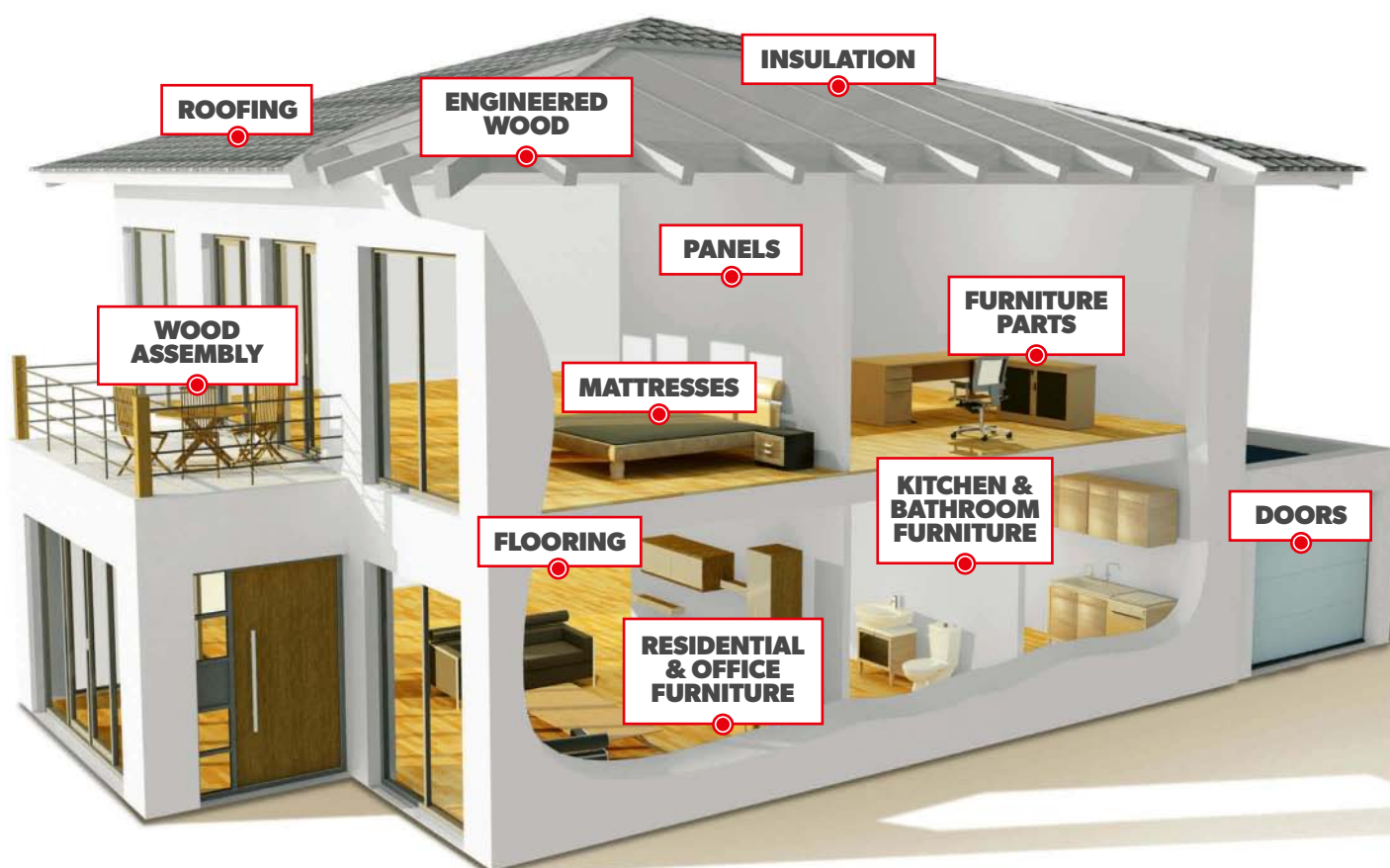


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On the Cover

Gary Daw explains how SCM has helped his business grow and open up new markets.

Story: pages 44-47

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Having a ball

The Furniture Makers' Company Step 2 It Charity Ball raises almost £17,000, pushing the charity's fundraising campaign beyond its £250,000 target.

The Step 2 It Charity Ball, a fundraiser organised in aid of The Furniture Makers' Company to celebrate the success of the charity's year-long campaign, has raised nearly £17,000 as party-goers enjoyed an exquisite evening of fine food and dancing.

Around 100 guests dressed to the nines attended the glitzy ball, which was held on Friday 25 March at the stunning Landmark London hotel, in the heart of Marylebone.

The evening commenced with a glittering drinks reception in *The Drawing Room* with guests enjoying a tremendous four-course dinner cooked by executive chef Gary Klaner in *The Marble Ballroom*.

Following dinner, a charity auction took place with special guest Eric Knowles, antiques expert, auctioneer and television personality, on hand to help encourage substantial bids from the generous party-goers. With the auction over, guests danced the night away to live music from the sensational Jazz Dynamos.

The Furniture Makers' Company would like to thank Lizzie Shaw, director of Celtheath, for organising and overseeing the fundraiser, which raised a total of £16,800 for the charity.

Step 2 It has been the charity's largest ever fundraising campaign, which has been running since May 2021 and will end in April 2022. Step 2 It has encouraged companies and individuals to organise sports-based challenges in aid of the charity. The total amount raised for the Step 2 It campaign will be announced in May 2022 but the figure has already surpassed the charity's £250,000 target.

David Woodward, Master of The Furniture Makers' Company, said: "My thanks to everyone who attended the Step 2 It Ball and helped us raise such a phenomenal figure. The surroundings were superb, the food was excellent, and everyone looked like they had fun and enjoyed a great evening – we really did have a ball."

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REVIEW

The first show of the season closed its doors with a very respectable turnout and plenty of developments for visitors to see.



Despite rumours rattling around the industry about companies that wouldn't be sending their employees to kbb 2022 for fear of Covid and the glaring holes left by well-known names who pulled out of the exhibitor line-up this year, kbb 2022 – the first proper exhibition we've attended for two years – was worth the trip.

Visitor numbers were down from the 14,600 who passed through the doors of kbb 2020 but not nearly so far down as we were expecting. In fact, although it really didn't feel busy in the aisles on the Monday we visited the show and access to the people we wanted to see on stands was generally much easier than we'd expect in normal times, the organisers have confirmed 12,400 visitors made it to kbb 2022 between 6th and 9th March and that's pretty impressive.

Furniture Journal's focus at kbb 2022 was on components of manufacturing interest. These are always in the minority at kbb, a show that's predominantly about kitchen, bedroom and bathroom furniture and the appliances and sanitaryware sectors, so coupling this with the events of the last two years we were not expecting to find genuinely new products in any quantity. Nevertheless, several exhibitors had developed new lines and many other products were making their first UK show appearances.

From the décors sector, Alvic, Finsa, Pfeleiderer and Saviola all showed new developments and it's good to see that the fruits of Barry Berman's kbb 2020 have blossomed into a 26-strong Saviola collection that's now being distributed and stocked by Panelco, Timbmet and Deralam.



Plasfoils also hinted at a new product we hope to show you more of in the coming months and further developments at the Bonlex factory.

Ninka and Vauth-Sagel both showcased innovative storage solutions, several of which were making their UK débuts. A real star of the show for me was Vauth-Sagel's VS TOP® Down, probably the first pull-down shelf solution for wall cabinets I've seen that truly combines style with functionality and makes use of all available internal cabinet space. The engineering gets a big tick, too – there's no twanging and creaking as the shelf makes its way towards you, just effortless silent movement. Yes, I want one in my next kitchen – and a Ninka Qanto!

Titus used the opportunity to present its System 6 connectors, B-type-i3 slide-on hinge and Slidix sliding door dampers

alongside already familiar products like the Quickfit TL5 metal jacket dowel and Tekform Slimline Tacto drawers. It was also the first chance for many visitors to see the whole range of TerraBlack products with light-absorbing matte black finish.

Häfele's stand included some novel ideas – one of which particularly caught my eye: an under-stair pull-out storage concept that utilises the same Accuride slides you'd find in heavyweight larder units. What a fantastic alternative to use that under-the-staircase space most folks normally either leave unused or stick a door over to lose things behind!

There weren't many companies showing handles but those that did presented new ideas. Armac's Matte White lacquered finish brings a contemporary look to solid brass and was a real eye-catcher. So too was

Furnipart's Ocean IX collection. Made from recycled maritime materials like rope and nets, the novel designs won the kbb Sustainability Award.

All in all, it may not have been the biggest kbb we've ever been to, or the most bustling but it was the first proper show for the industry in a long time and that alone makes kbb 2022 special. There were a few comments about low visitor turnout on the Monday while we were there – and disappointment that some big-name brands from the furniture sector weren't showing this year – but that was balanced by others who said they'd already brought in more orders in the first two days of the show than they achieved in the whole of kbb 2020. I'd take that as a positive sign because at the end of the day, visitor numbers are just that: visitor numbers. It's orders that really count.



REVIEW

Saviola success



L-R Barry Berman
and Daniele Merla

Two years after its launch in the UK, the décor specialist Saviola has a unique UK collection, nationwide distribution and new products to shout about.

“Wow! This looks a bit different!” was the response to its décor collection when Saviola launched in the UK at kbb 2020. Here we are in 2022 and Saviola has gone from strength to strength with several well-known brands taking direct supply, nationwide distributorship of its 26-strong UK décor collection and matching edgebanding available on next day delivery from Panelco and Timbmet, and a smaller select range available through Deralam.

“We made a selection of the best-looking designs and textures from the

Saviola collection and focused on 26 premium products,” says Daniele Merla, who heads up Saviola’s Trendcor Design Studio. “It’s a very exclusive collection because 80% of it has been made internally from the décor to the plate. We focus on authentic colours and textures and we have three different price categories.”

“We have what we call our entry level with added value,” says Barry Berman, taking up the story. “It includes our Blunt texture that’s best seen in the marbles. The clever part of the technology isn’t just the design, it’s the combination with the gloss-matt and



All Saviola décors from Italy are laminated onto 100% recycled board.



Galvano Bronzo A99 with Portland texture



Kreativ with the new Loom texture



Ardesia A95 with Artstone texture



Rose with the new Loom texture

texture that's pressed all-in-one. Really, it's a single paper but it is elevated beyond that. Then we move on to two papers and heavier textures and finally, into synchronised embossing.

"Everything is about creating a look you want to touch and feel. People go up to it and they want to touch it. You go to the concrete and it almost feels like you have dust on your hands."

Although the UK collection is a set of 26 very different, very original stock designs that have been chosen carefully to reflect UK taste, as Daniele confirms the collection is very dynamic. Subtly, it's still evolving, still changing: "We are focusing on some new colour work. One is the Nordic Scandi-style – light wood in combination with natural colours and structures like textiles, new

interpretations of stones and concrete. Then we have the more modern look with black as a main colour in combination with bronze and golds. We have some new solid colours – reds and greens – but they are with structure, so you're back to the added value of the Saviola product. There's always an emotional element to the product."

Alongside the UK collection, a new innovation was launched on the stand at kbb: Zero.matt evolution. Zero.matt is a very on-trend, anti-scratch, anti-fingerprint product but unlike most, it's laminated to chipboard, which makes it extremely competitive. It should go down well with manufacturers who want a high-quality matt product with desirable properties at a good price point.

Aside from the obvious appeal of added value designs and incredible textures, one of the key reasons manufacturers are looking seriously at Saviola is because every Saviola product out of Italy is laminated to recycled board. It's a topic that's really become much more important since Saviola launched in the UK two years ago.

Unique designs in three different price categories – all on 100% recycled board – matching edges, nationwide distribution of décors that have been tailored to UK taste, unicolours with added value textures and now Zero.matt... All the reasons you need to buy into Saviola.

For more information or sales enquiries, please call Barry Berman on 07785 373118, visit www.saviola.com/eng or email uk@saviola.com

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Rehau launches

Rehau used kbb 2022 to launch several new products and emphasise its eco-friendly products.

Celebrating 50 years of Raukantex thermoplastic edgebanding, the Rehau stand at kbb 2022 was bristling with new products and ideas for furniture.

In the last few years, the importance of sustainability and manufacturing with eco-friendly materials has really grown, not just among furniture manufacturers but also among green-conscious consumers. Rehau has really taken this to heart with ecological packaging, ecologically-friendly concepts and new materials that provide for recycling in the future.

Within the Raukantex eco.protect product family, Rehau introduced two new product lines: Raukantex eco, which consist of 50% post-industrial recyclates; and Raukantex evo, an ISCC-certified edgeband that requires no additional crude oil in its manufacture. When certification is complete, this product will certainly go down well with manufacturers in the present climate.

Also given priority at this year's kbb was Raukantex pro, a product flagged up as

being of particular appeal to perfectionists. Why? Because the functional layer can be bonded without joints, making for a permanently invisible, seamless connection between surface and edge. Raukantex pro promises maximum light fastness and an exact colour match between the functional and decorative layers. It also provides improved heat, chemical and moisture resistance and it is both hygienic and easy to clean. From a manufacturing perspective, Rehau claims increased process reliability, savings in process steps and a reduction in maintenance through zero contamination of units.

Adding to its Rauvisio crystal collection, Rehau used kbb 2022 to launch its Nordic-influenced Laguna, a slightly blue-grey that pairs easily with other colours, and Atlantico, an intense, deep and very on-trend grey-blue that will blend as easily with other blues as it will provide a fresh contrast.

Visit www.rehau.com for more information or call 01989 762600.



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VS ADD® Board stoneST



VS ADD® Board neroST



VS ADD® Board aluST

Design & finish from VS

New surfaces and new products on Vauth-Sagel's kbb 2022 stand.

In a decisive and bold departure, the system solutions specialist Vauth-Sagel took the decision to emphasise its latest surfaces on several products at this year's kbb as well as presenting a number of recent innovations.

"Matt and structured surfaces are topics that are very much on the mind of the entire furniture world," says Georg Wittenbrink, Head of Design and Product Management at Vauth-Sagel. "This is the only way to satisfy the desire for a more refined feel and to experience design with all the senses. The direction is clear: design does not stop inside the furniture; it offers an important and possibly decisive differentiation for our customers and partners."

The high-quality powder-coated steel surfaces of Vauth-Sagel's neroST, aluST and stoneST (ST stands for structure) have a matt structure and a crystalline brilliance in the metal tones.

NeroST is black and conveys calm and neutrality at a time when classy living spaces are blending into one another. The

slightly powdery surface feel underlines its timeless elegance.

AluST surfaces have functional overlays that make them especially suited to home offices where a universal tone with modern brilliance is required. The special brilliance is the result of a fine crystalline structure that adds to the overall effect.

StoneST is a real eye-catcher with an interesting haptic quality. The stone-like warm metal shade has a matte, fine-crystalline brilliance, radiating warmth.

The powder coating process is still one of the most ecological processes in steel surface treatment. It is incredibly resource-saving and does not use solvents. All surface versions were presented at KBB using the VS ADD® Board/Box and Separator wall shelf and the new Essentio design line as examples.

One of the latest products that really caught my eye on Vauth-Sagel's stand at kbb 2022 was VS TOP® Down, a drop-down fitting that really sets a new benchmark for optimisation of ergonomic storage space.



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The problem with many mechanisms that bring shelves down to the user is the amount of space they take up inside the cabinet – and the wasted space that can't be used around them. VS TOP® Down wastes far less of the internal cupboard space than any other similar product I've seen – even the space below the single or double mobile shelf units can be used – and unlike some, there's no extraneous twanging of springs and creaking of over-stressed joints as the shelves are lowered. It's as well engineered as it is easy to use and the design has been

considered carefully so it blends with the cabinet rather than standing out for the wrong reasons.

A gentle pull on the handle element, which is invisible from the outside, is all it takes for the elegant sheet steel shelf to gently emerge from the wall cabinet and make its contents conveniently accessible. With VS TOP® Down, shorter or less-able users can now access the contents of a wall cabinet effortlessly and without the need to stand on tiptoe. The manual spring force adjustment ensures a consistently damped

lowering movement that even brings heavier items like crockery or storage jars down to the user easily. The VS TOP® Down can even be retrofitted and is suitable for wall cabinets with hinged doors as well as with fold-in fittings. Without any shadow of doubt, it was the star of the stand for me and a real star of kbb 2022.

Vauth-Sagel products are sold through Häfele UK. For more information call 01788 542020, visit www.hafele.co.uk/en/ or vauth-sagel.de/us/en

kbb

REVIEW



Bright ideas



Neat fixings, hinge-less flap lifts, novel sliders and a brilliant under-stairs solution from Häfele at kbb.

With so many products in its portfolio and so many novelties making their début exhibition appearances, it's always difficult to decide what to focus on when visiting a Häfele stand. This year's kbb might have been one of the first physical exhibitions of the post-pandemic era but Häfele had pulled out all the stops to impress and the product display encompassed components for furniture design and manufacturing through to splashbacks and more.

For any visitors whose primary interest lay in furniture components, Häfele had made the job of navigating its stand easy with an open-topped manufacturing zone in which numerous lifting, sliding and opening solutions were presented alongside a brand-new development that's been designed to replace the ubiquitous wooden dowel for connecting panels and solid timber.

Tucked away and bagged up inside a box that was barely noticeable among the Matrix

Box and wall cabinet units was a small, plastic, two-part dowel alternative that requires no glue – the IXconnect SC 8/25 spreading connector. Threaded grips hold the female component secure in an 8mm drilling and, without the need for tools, these spread as the red dowel element is inserted, creating an almost inseparable joint without glue. A light tap of the panel pushes the two parts of the connector over each other and they spread out to form a rigid joint. As with conventional dowels, IXconnect can be used with glue along the panel edge for rigid fixing of panels of 15mm or more in thickness and I'm told by the stand representative that it will hold glued panels together with enough pressure not to need cramps.

One product that's quite literally 'risen' in popularity in recent times is the flap-lift mechanism. Often bulky, sometimes difficult to adjust and invariably costly on internal cupboard space, many represent something of a compromise between function and form,



Häfele's Free Space flap system



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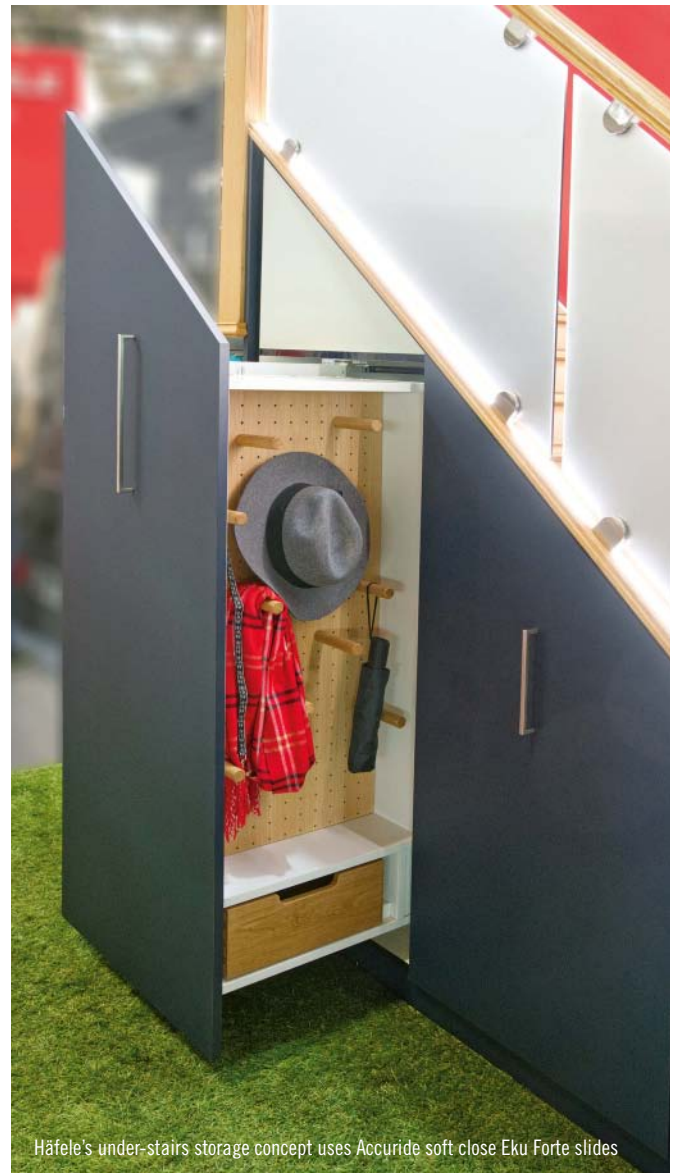


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Häfele's Eku Frontino



Häfele's under-stairs storage concept uses Accuride soft close Eku Forte slides

requiring the fitting of both a stay and hinges to lift the fascia on a wall cabinet. One that doesn't require hinges is Häfele's Free Space flap system.

Free Space creates more storage room within cabinetry by eliminating the need for large cover caps and has an internal installation depth of 63mm for each of the two fittings required. That's still quite a bit of lost internal cupboard space but the lack of any need for hinges makes for economies and a quicker installation.

Offering a consistent design for all flap-opening doors, fixing is easy using a single pre-mounted conventional screw connection on the side walls. The pin system requires only one fixing screw to lock the flap in place, while its spring force can be adjusted for a multi-position stop function. It presents low opening resistance and smooth-running properties, with its integrated soft closing mechanism ensuring gentle and quiet closing of the flap. The opening angle can be set and limited to 90° by means of a tool-free,

integrated adjustment option, which allows the cabinet to be installed at an elevated height without risk of the door hitting the ceiling. There are two models, standard and push-to-open with a load bearing capacity of 10.7kg. Free Space is available in anthracite, grey, white and black.

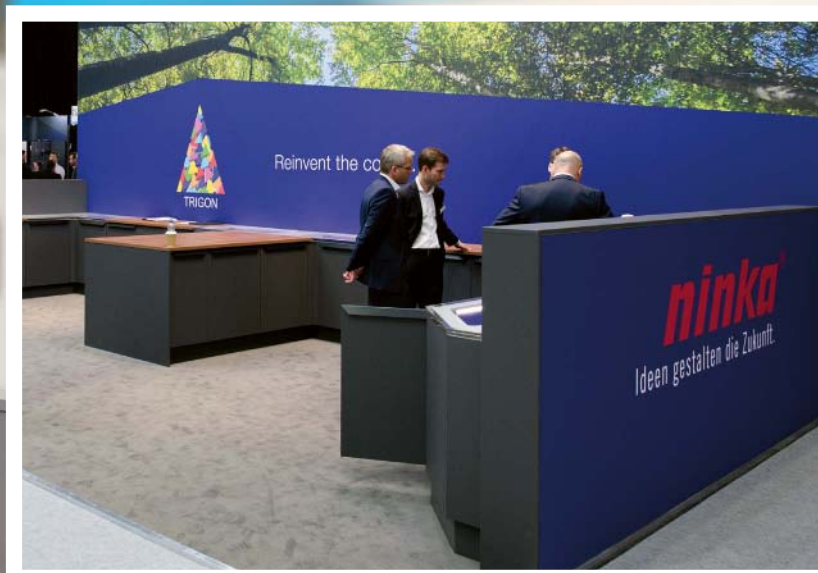
Sliding doors are also rising in popularity with several kitchen furniture manufacturers now utilising both flush-sliding and co-planar systems on wall cabinets as well as worksurface-to-cornice cabinets. Häfele's Eku Frontino, shown in two kitchen displays adjacent to the manufacturing zone, offers flush sliding or coplanar system for pairs of cabinet doors and is available in three sets for cabinets of various sizes and a maximum door weight of 20kg. It can be top or bottom mounted using a roller carriage, offering a different style to swing-out doors, which ensures complete access to all items within the cupboard.

One other display took my eye on the Häfele stand and it represents an

opportunity to sell additional fitted furniture products that I'm surprised more furniture makers haven't taken advantage of: under-the-stairs pull-out storage.

Using Accuride soft close Eku Forte slides (more typically used for heavyweight bespoke larder units where visible fittings are undesirable) in combination with Häfele's Bespoke Timber Service, Häfele demonstrated how a bespoke under-stairs storage solution could be made that offers enough space to house the coats and shoes of an entire family – all in an area that's generally either left open and not used, or provided with a single door that makes the back difficult to access. Joiners and installers whose customers seek out innovative and functional storage design should speak to Häfele for more information on the specific product sets required to create under-stairs solutions.

For more information please visit www.hafele.co.uk/en/ or call Häfele on 01788 542020.



Jens Ruthe demonstrates Ninka's Trigon solution for end cabinets – a practical alternative to bookshelves.

kbb

REVIEW

Cornering the market

First launched at Sicam, Ninka's latest Trigon corner solution made its UK début at kbb 2022.

There's no doubt about it, corner solutions for kitchen cabinets have a lot to offer but there aren't many that have come to market over the last few years that offer something different that's worth shouting about. Ninka's Trigon trilogy

is the exception and its reception at kbb was warm indeed.

"Trigon offers three different opportunities to plan a kitchen," Ninka's Jens Ruthe told me on the kbb stand. "We offer a half tray corner cabinet; a new double corner, which includes four trays for the left and right side of the corner that utilises much more of the available space; and a solution for end cabinets, which is a much more functional and practical solution for corners that are normally finished with

shelves to take books or decorative items. We think the third option will be very popular with consumers who have smaller kitchens, especially where the corner unit is close to a door."

The half tray corner has been designed to work with 45, 50 and 60cm doors and the double tray version with 50 and 60 cm doors. A self-closing mechanism is one of the options available from Ninka and it can be retrofitted to any of the Trigon corner solutions but what's also interesting is if

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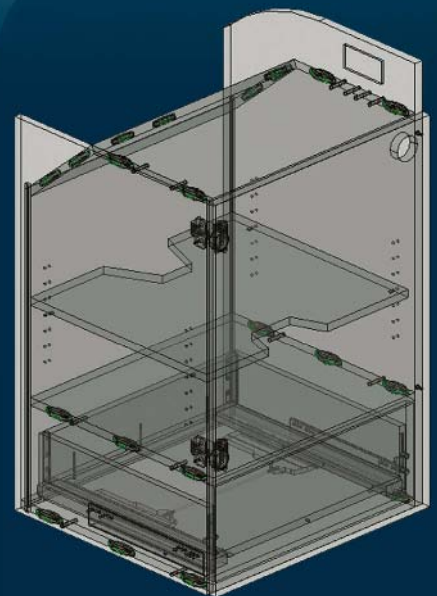
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These neat storage containers were only a prototype at kbb but Ninka has already produced inserts for drawers as well as carousels.

your kitchen design demands a taller version, Ninka can provide a longer steel pole for use with its double tray Trigon that gives you the flexibility to build a cabinet that will take four or five trays.

Adjusting the height of the trays in a standard carousel system is something that's normally carried out during assembly and once fixed, most systems don't allow the user the opportunity to move them up or down. That's a real drawback because storage requirements change. Adjustment of the upper tray height is simple with Trigon and it's a tool-free and stepless process that can be carried out by the user if storage of taller products becomes necessary.

Using a simple push-to-release mechanism, the upper tray can be positioned perfectly on the pole to suit the height of whatever the user wants to

store – and repositioned whenever storage requirements change. It may not be fixed during assembly but the strength of the push-to-release mechanism is such that it will still hold 25kg, making it ideal for tinned goods and jars. Having post-installation adjustability of the upper tray height is, we think, something of an industry first.

Ninka is no stranger to organisation in the kitchen but to enhance consumer appeal and functionality of its Trigon collection, Ninka has taken the same level of organisation you'd expect to find in drawers and come up with a solution that works brilliantly in carousels, enhancing both the functionality of the carousel and the look. The accessory that caught my eye on the stand – and it's still only a prototype at this stage – was a collection of interestingly-

shaped white plastic storage containers that will fit neatly into both the carousel of a corner cabinet and transfer easily to a standard drawer. The elegantly-shaped, lidded containers are ideal for rice, sugar, salt – there's even a larger one for bread. There are three different inlays to fit the three different tray sizes.

At the moment, Trigon is available in dark grey but Jens confirms, although the plastic material Ninka uses means technically any colour is possible, the company is considering the launch of a lighter grey and a white option.

For more information on Ninka's trilogy of Trigon corner solutions call +49 5222 949-1118, visit www.ninka.com or email info@ninka.com Ninka's UK distributor is Häfele: 01788 542020, or visit www.hafele.co.uk/en/



Mirka launch at kbb



Mirka used kbb 2022 as an opportunity to launch its AIOS 353CV electric sanding head.

Mirka UK used kbb 2022 to focus on tooling automation and innovation and the new Mirka AIOS 353CV electric sanding head for Cobot usage made its official debut at the show.

With its 81x133mm head, the AIOS 353CV has been engineered for finessing to ensure consistent quality, while increasing efficiency and productivity. Its rectangular design makes it suitable for industrial processes such as furniture, door, and window manufacturing, where a rectangular sanding solution is required. The sander is built inside a lightweight aluminium housing, which features an ISO 9409-1 compatible flange for mechanical robot coupling. This tool also offers the end user maximum flexibility because the flange can be adapted to fit all mechanical couplings.

To complement the Mirka AIOS, a comprehensive range of hand sanders was presented to visitors, including the Mirka DEROS, which has been developed to deliver a rapid, efficient, consistently powerful performance even under a heavy load. It also puts the user first with an ergonomic design

that minimises vibration levels and reduces arm fatigue, which decreases the risk of Hand Arm Vibration Syndrome.

The Mirka AROS battery sander and Mirka DEOS were also on the stand. The AROS-B is a brushless, battery-driven cordless sander that has both orbital and random orbital movements. It has been developed for use across multiple solid surface sanding operations including finessing, and Corian sanding applications. It allows the user to maximise productivity, while producing the high quality and consistently smooth finish expected from Mirka tools.

The DEOS has been designed to get closer to the surface, easily accessing hard to reach areas and delivering a flawless smooth finish quicker than other sanders. It is the only electric orbital sander on the market that has been optimised for net abrasives by incorporating more than 45 holes in the pad.

For more information on Mirka's products, call 01908 866100, or to watch a video demonstration on your smartphone or tablet, touch the image marked with a link sign.

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REVIEW

"We have customers who employ four or five people in a small workshop and we have Industry 4.0 customers who have a completely automatic production facility that's producing 6-800 doors a day with only four engineers in the factory. CAD+T offers a customised solution that's individually tailored to suit what you want to do."

Florian Wonisch

Software that does it all

Many software solutions are good at one thing but there is one company whose software does it all – and it's ideal for bespoke manufacturers.





If your company is a smaller manufacturer of furniture with a collection of machines from different suppliers, you probably take companies that present software solutions with a pinch of salt and look for the exit the moment they start talking about ERP, RFID and all the other abbreviations software boffins like to throw into the conversation. There's a pretty good chance you'll have dismissed some software companies because their product, good though it might be, is tied to machines you don't have, or can't be adapted if you decide to change machine brands in the future. Others might be good for design but aren't so hot when it comes to production.

At kbb 2022, we caught up with Florian Wonisch, International Sales Manager for CAD+T, and what we found out surprised us.

CAD+T is a software company that has the answers small, bespoke manufacturers need as well as those who have switched to Industry 4.0 and every one of its solutions is individually tailored to suit what you want to do. CAD+T offers a complete solution that starts from design – and being modular it can be as simple or as all-encompassing as you need.

“At kbb we are presenting our new configurator, which is a web-based solution with a fully automated process on the back,” Florian told Furniture Journal. “That means you can generate drawings without making a

physical drawing if you provide the system with the rules you want it to work with. It will then feed that information back to a CNC for optimising on your beam saw and all your other machines in what we call silent mode – in the background. That's especially good for the bespoke kitchen furniture sector.”

What's particularly interesting is that CAD+T isn't related to any specific machinery suppliers. It works across the board, even if your machines are 10 or 12 years old and you have half a dozen different brands in your workshop. “We don't know what our customers are buying,” Florian confirmed. “I have customers who have six or seven different machinery suppliers. We can implement the software on each machine with our interface.”

“Some of our customers have machines that have no automatic adjustments for such as thickness or edges. In such cases, we provide all the information the operator needs on the label itself so adjustments can be made manually. We have some customers who use barcodes but no automatic adjustments, others who have fully automatic, latest generation machines and many who have upgraded their machines and taken CAD+T with them.

“When you decide to change a machine, we adjust everything in the CAM interface – the post processor. We switch the machine, the output files and change all the tool setups

to accommodate your new machine's tooling and capability. We can do this across the internet. In principle, Covid taught us we can do 98% of this on line. It's always best to be on site to check but everything, even the initial installation can be done on line.”

Another big benefit of CAD+T's solution is its modular construction. “We are not selling one big product with a start price that gives you this, this and this,” explained Florian. “Our software is customised to each customer's needs. Some customers may need only a small design element and a cutting list; others might need a complete solution with RFID parts control, tracking, invoice control and so on. What we supply depends on the modules you want to have and what you want to achieve.” As a CAD+T partner, you'll get help to optimise your workflow and modules can be added as your business grows.

Whilst most companies will be working with PCs, Apple users can access CAD+T via its cloud solution: “You can have a cloud-based solution where everything is done in the cloud. Several of our customers have moved their whole IT environments into the cloud so they don't have to maintain their own servers.”

For more information on CAD+T's solutions and how they might help your manufacturing visit www.cadt-solutions.com or fill out the contact form at www.cadt-solutions.com/en/contact/



Minipress débuts

The first Blum Minipress Top enters service at Stoneywell Kitchens.

The Staffordshire-based kitchen retailer, Stoneywell Kitchens, has become the first company in the UK to invest in Blum's Minipress Top. The machine can drill and insert for components vertically, and it also drills horizontally for dowels and connectors. In recent years, Stoneywell made the change to start manufacturing their own furniture in house, first acquiring an edgebander and a vertical saw and more recently, Blum's Minipress Top to drill the horizontal and vertical holes for fittings.

Now in its third generation, Minipress Top provides a single machine solution for drilling and insertion and when coupled with Easystick, dramatically increases the rate at which panels can be prepared for installation of Blum components.

Using a Minipress Top does require some training but after a tour of Blum's Experience Centre and a demonstration of the machine, Paul Durrant, who runs Stoneywell Kitchens, was convinced he would soon be able to take customers into his showroom and demonstrate the manufacturing process to them.

The Blum Technical Team swung into action to support Paul and his team,

providing the accessories and drilling heads he needed along with a tailored service that ensured he and his team received full training. After a few test runs, a check to ensure the Minipress Top and Easystick software were up to date and a final check to ensure the 13mm boss depth and 9mm horizontal drilling height were set correctly, Blum's experts confirmed that the Minipress Top was ready to go.

As the Stoneywell team was already familiar with Blum's Cabinet Configurator, building up a range of templates on Blum's supporting software to help simplify their manufacturing came easily. In fact, the ease of transferring designs from Cabinet Configurator to the machine was a strong incentive for Paul to invest in a Minipress Top.

Blum provides a standard follow-up service after one year, giving Stoneywell Kitchens reassurance and confidence in their new manufacturing capability.

For more information on Minipress Top call 0800 230 0898 (8am to 8pm Monday to Friday, and 8am to 12pm Saturday) or 01908 285700. Visit www.blum.com or tap the linked image using the Furniture Journal app.

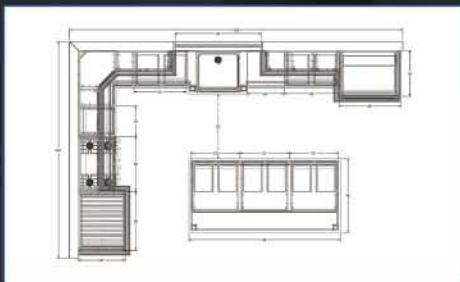




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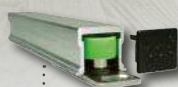
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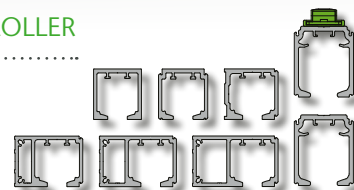
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Spaceship wood wall mounting

Navigator wood barn door



Sliding made easy

Everything from specialist systems to convenient kits for sliding doors are available from OPK.

OPK Europe GmbH is the European subsidiary of Szechuan-based OPK, one of the largest sliding door hardware manufacturers in the world. OPK's Spaceship product family features innovative two-way dampers for opening and closing and provides impressive smoothness for glass and wooden sliding doors.

The OPK Spaceship sliding door system can be mounted in front of the wall, in the wall or under the ceiling. The running track with an integrated wall spacer profile is

available for wall mounting in three spacings that easily bridge the distance to the skirting board or door frame. Spaceship has a two-way damper as standard and it can dampen doors from a width of 560 mm, both when opening and closing. The ball-bearing floor guide ensures very low-vibration running for wooden doors. Glass doors, too, are given an impressively smooth run thanks to the floor guide.

If you opt for the Spaceship kit variant, you'll find everything that's needed to install a sliding door – with the exception of the door itself – in one package. An integrated height adjustment (+/-3 mm) simplifies installation.

Spaceship is part of the extensive programme offered by OPK that extends

from the showcase door to the double-leaf glass door with electromagnetic drive. With the MiniRoller, Speedboat, Cruiser, Spaceship and E-Space ranges, OPK has a convincing solution on offer for all applications and, with the new 2022 catalogue, offers a solution for every application in the furniture, construction and room partitioning sector.

Contact OPK Europe GmbH on +49 7451 622640, email info@opk-europe.com, visit www.opkeurope.com, or contact Hans Peter Nägele, OPK's UK sales specialist, on +49 176 61056277 – email hans-peter.naegele@opk-europe.com

The YouTube video, which can be viewed if you are reading this article with the free Furniture Journal app, shows installation of the Spaceship product.

Inspiration from Pfleiderer



Pfleiderer's move to bring its workshop to the UK and engage with customers directly highlights the importance and strength of the domestic market.

Pfleiderer's annual trend event 'Inspiration Days' was held in the UK for the first-time last month. The inaugural event took advantage of the cutting-edge facilities at Manchester's Materials Source, a designated studio which is the first of its kind in bringing together products, material insight and inspiration all under one roof. As a founding partner, Pfleiderer was perfectly placed to welcome guests. The

event was hosted by the Head of Décor Management, Christiane Gebert and Jason Taylor, Pfleiderer UK's Managing Director.

"Following the events of the past few years, we know the way we live is constantly undergoing radical changes," explained Christiane. "Pfleiderer is introducing the next décor trends to accompany those changes in the home, workplace and whilst out and about in daily life."



“We have identified a clear paradigm shift with regards to the way we live, greatly reinforced by the pandemic. The 2022 home trends are still defined by social cocooning – retreating to your own four walls – and the seamless integration of working environments into homes due to the necessity to work from home.

“Our homes are becoming even more intrinsic to our wellness but also increasingly into ergonomically furnished office spaces, and therefore into the redesign of their living rooms. What people want from this new way of living differs from person to person: a functional interior is particularly important to people who have to balance their family life with working from home; others stage their home as a place for relaxation and socialising. In addition, living spaces are becoming increasingly smaller, which calls for well thought out solutions for small spaces.

“Pfleiderer can offer the right design ideas for any living concept – with sophisticated décors and textures, high-quality and durable materials, a wide range of

combination options as well as tailor-made functional features. Besides new décors and textures, Pfleiderer is also addressing the themes that are currently popular in the market. Many successful décors with sophisticated designs from the past three years still deserve consideration and are still very much on trend.”

One of the stand-out décors presented is the Nutmeg Bijoux Oak (R20391), a striking décor with dark pores, knots and splits, which have been elevated with zinc. This décor is particularly suitable for the design of expansive areas, for example on furniture frontals, tables and counters. Combinations with warm browns and greys emphasise its colouring. Neutral, brushed metals as well as leather are great combination partners to round off the look in a characterful way.

Another notable décor is the refreshingly understated Botticino (S63063), a marble with cool nuances of grey and fine white veins that run dynamically into all directions. Ideal for staging larger horizontal and

vertical areas of a room in a particularly impressive way. This décor works beautifully in combination with airy and light shades of blue or neutral grey. Monochrome metals as well as pale Nordic woods are also very complementary; bold, dark shades of red match the random red-brown veins in the marble.

Providing the complete range of wood-based panel products, Pfleiderer has a solution for every decorative surface and construction project you may be working on – and it's in stock in the UK. Extensive décor ranges, product certification, 24-hour sample service and material available from stock are just some of the features that make Pfleiderer the perfect partner to the timber trade, furniture manufacturers, fabricators, designers and architects and the design possibilities are endless. Pfleiderer (pronounced Fly-der-er), maybe difficult to say but it's extremely easy to work with.

For more information on the Décor Trends and the UK stock ranges call 01625 660410, visit www.pfleiderer.com

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Marble Rocks CF85



Marble Rocks CF85

Find your Fantasy

Whatever your design ideas, you'll find inspiration to complement and levitate them in the dp-fantasy collection from Decorative Panels Lamination.

Pastel shades, concrete, herringbone, fabrics, marbles, geometrics... whatever your fantasy, you'll find it in dp-fantasy, a collection of inspired ideas from Decorative Panels Lamination.

The dp-fantasy collection represents the best in material technology from the printing industry with levels of design realism like never before. Digital technology used in the creation of the artwork and the engraving of the printing cylinders has been skilfully combined with advanced optical performance from lacquer technology to create a paper foil collection with visual appeal, attractive tactile qualities and surface

resistance that meets FIRA 6250 and BS6222-3 severe use. Dp-fantasy flat-laminated and profile-wrapped products can be used with confidence in kitchens, bathrooms and bedrooms – everywhere except worktops.

Within the dp-fantasy collection you will find a wide range of design ideas. Greta CF82, for example, is a classic on-trend herringbone design that takes the best from the trend for geometric prints and combines it with a dark woodgrain, while Oxide Concrete CF83 adds a cool industrial edge to any piece of furniture or kitchen. For a more toned-down feel it can be



Oxide Concrete CF83



Trigolo White CF81

Maxim White CF27

Oxide Concrete CF83

Linen Twist CF01

paired with any of the pastel colours in the dp-fantasy collection – colours like Dust Pink CU35 and Fjord CU28 work really well.

For a bold statement, take a look at Trigolo Black CF80 or Trigolo White CF81. There is little to compare with the contemporary feel of this bold, monochrome geometric. It's perfect for contemporary furniture fronts and works well when used with plain white, plain black or with both Trigolo White and Trigolo Black in combination.

Both Hessian CF10 and Linen Twist CF01 are neutral tones that will help you create a

peaceful interior with a natural feel. In combination with muted greens, Hessian CF10 and Linen Twist CF01 make it easy to bring nature indoors. You can also bring nature indoors with Marble Rocks CF85, an on-trend design available through special order that will instantly elevate your ideas to create a luxurious finish without the cost of processing the real thing.

When you add the vast range of substrates available in various widths and thicknesses to foils that are available ex-stock, the dp-decor range, of which the dp-fantasy collection is a small part, provides unrivalled choice in the industry. Added to

this, the significant advantage of using paper foil as a surface material is that it can be flat laminated to board and it can be profile wrapped, providing you with fully matching parts that represent a perfect solution for framed doors, corner posts, pelmets and any matching moulding requirements.

Decorative Panels Lamination is constantly developing the range of designs in its collections to ensure you can cater for all the latest trends in the market. Get in touch today for samples of the dp-fantasy collection or any design within the dp-décor range. Call 01484 658341 or visit www.decorativepanels.co.uk



Bespoke with Smartply

Medite MR and MTX helped Infinitus Bespoke Interiors to achieve a polished, authentic Art Deco look.



Easy to shape, a perfect substitute for solid wood, moisture resistant... whatever your renovation project, you'll find a product to suit in the Medite range.

Medite Smartply has continuously developed innovative, versatile and sustainable products, ideal for creative manufacturers. One example is a recent project from Infinitus Bespoke Interiors for an Art Deco inspired home. The project included the refitting of bedrooms and bathrooms to incorporate smooth, clean lines, high gloss surfaces, mirror cladding and ambient lighting. It even included a bar and cinema room.

Andrew Fishwick, director at Infinitus Bespoke Interiors explained: "We decided on Medite MR and MTX as they offered the best solution and allowed us to achieve a polished, authentic Art Deco look. In the bathrooms and anywhere it was likely that the fittings would be in contact with water, we used MTX to ensure the longevity of the installation."

Medite MR is a moisture resistant MDF panel designed for use in indoor humid conditions such as kitchen or bathroom installations. It is a perfect substitute for softwoods or hardwoods where more machining flexibility is needed. MTX was created as a sustainably-produced MDF panel with durability and dimensional stability in mind. It is guaranteed for up to 50 years above ground.

Aside from humidity and moisture resistance, the smooth, consistent quality of Medite MR and MTX made them perfect for machining. "This was especially important for the curved shapes featured in the bar and for the bathroom ceiling design, which features tightly curved, egg-shaped cladding that is backlit for effect."

Andrew concluded: "To look at the house now, it's hard to believe it's the same one we started work on, the transformation is so complete."

For more information on Medite Smartply products, visit: mdfosb.com/en/



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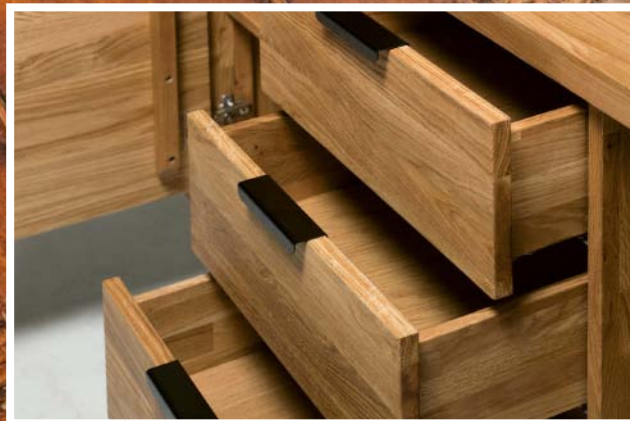
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Customised 3d surfaces

What is fast to use, simple in operation, holds the key to unlimited batch-size-one customisation of decorative surfaces, eliminates any possibility of mediocre matches between the surface and edge of panels and can be incorporated seamlessly into your finishing line? Answer: an industrial digital printer.

Anyone who visited Cefla Finishing at Ligna a few years ago can't fail to have been impressed with results from the Cefla J-Print on the stand. The quality, the realism – they were exceptional. But digital printing isn't just about the quality of the end product, or how surfaces and edges can be printed with the same patterning to give an exact match without any fear of metamerism; it's about flexibility and what it enables you to offer your customers.

Industrial digital printing fits seamlessly into a finishing line, speeding up the process, offering enormous flexibility and allowing you to say "yes" to single pieces or minimal production batches. After sanding and primer application, the flat surface can be

decorated with a digital printer and finished with a transparent basecoat. Then a finished effect can be applied and that can be matt, glossy or even texturised. Even the texture is applied on the digital printer.

One of the key advantages is speed. From the initial idea to approval of the panel samples for production it takes very little time and regardless of quantities the price per piece is virtually the same. Using rotary printing, setup, printing and approval could take anything from 30 to 60 days and there would need to be minimum quantities to cover the roller engraving costs. Using decorative paper might be as quick but there is little opportunity for customisation. Either you produce large quantities to reduce unit costs or accept high costs and reduce the overall quantity. In comparison, digital printers hold all the aces.

If the idea of digital printing appeals to you, visit www.cefla-finishing.com/en/ or watch the Cefla J-Print in action on your smartphone or tablet with the free Furniture Journal app by touching the picture marked with a link sign.

Industrial digital printing fits seamlessly into a finishing line and the advantages for anyone who wants to offer the ultimate in customised surfaces are inescapable.

Cefla J-Print line





Craftsmanship enhanced

Lamello has become such an important part of Martin Howlett's designs that it's become the new tradition in his workshop.

Martin Howlett has a passion for woodwork. With over 20 years of experience in the woodworking industry and time spent studying his craft at the renowned Rycotewood Furniture College and Edinburgh College, Martin started producing high-end, bespoke fitted furniture for his own clients in Sussex about 10 years ago. Although skilled in the use of traditional tools and techniques, he's been quick to see the advantages of including Lamello fixings and now incorporates them in every job he undertakes.

"As a boy, I enjoyed nothing more than playing in my father's workshop and by the age of 10, I was woodturning and making things for my friends," beams Martin, owner of Martin Howlett Furniture. "Fast forward

to 2022 and I still enjoy the practical and technical design side of cabinet making. I love talking to my clients and getting a real sense of who they are and what they want. My work is a reflection of them and I get great satisfaction from designing furniture that is unique to them."

Before he started using Lamello's joining solutions, Martin would use a combination of biscuits, sash clamps and screws to join panels but it was an arduous process. "Looking back, I knew some traditional techniques like this were a faff but, like so many cabinet makers, I just accepted it. I'd seen Lamello's connectors advertised but I was sceptical. How could a small piece of plastic offer me the strength of a screw?"

Lamello



Clamex P-14/10
Flexus



NEW

Clamex P-10



Clamex P-14



Clamex P-14/10
Medius



Tenso P-10



Tenso P-14



Divario P-18



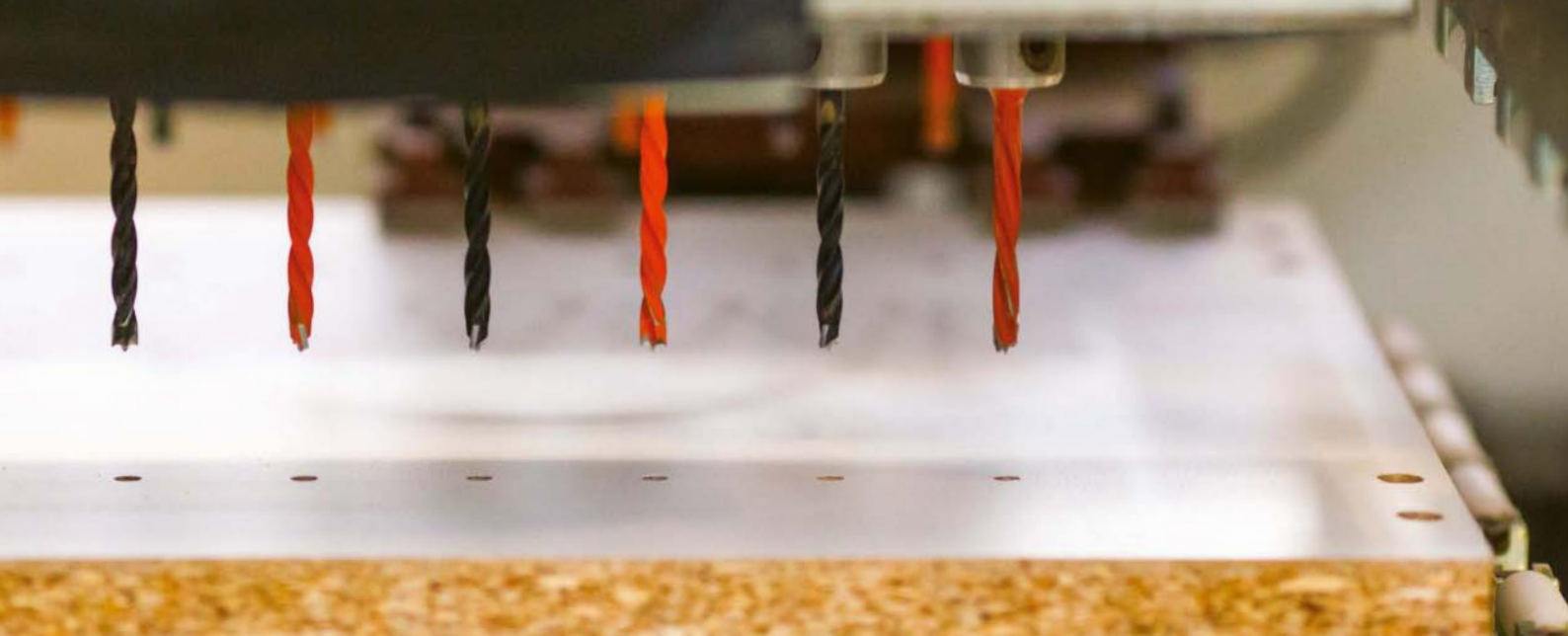
P-System

Tool-free, form-fit anchoring –
So that you can save time
and differentiate yourself
every day!



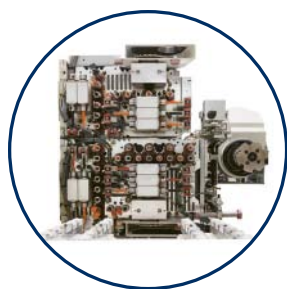
Is it possible to connect this shelf without visible
connectors? Without glue, screws and staples?
With mountable and dismountable connections
and strong material tension?

Yes, with the Lamello P-System!



MORBIDELLI CX220

IT'S NOT JUST DRILLING THE COMPLETE VERTICAL CNC IN LESS THAN 10m²



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6 positions tool changer



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It was only after a demonstration from Lamello's UK sales representative that Martin really saw the potential: "I remember stepping back and thinking, wow! I was blown away. No more no screws, no drilling, no clamps. I had to see it to believe it and believe it I did!"

Fully converted, Martin now uses a range of fixings. "I use the Tenso-P when making draws and fitting scribe panels on-site because they're completely hidden. They're also brilliant for fixing trimmings and lippings onto veneered shelves. I've even used them on worktops to create a perfectly flush joint."

The Clamex-P14 is Martin's go-to when building carcasses. "They're fully-detachable, making assemble quick and easy and they remain strong. They also guarantee a perfect join every time. When it comes to fixing shelves on site, the detachable Divario-P is super quick and has reduced the time it takes me to fit a fixed shelf from 15 minutes to just two minutes thanks to its slide-in insertion."

The time saving credentials don't stop there. "Building a carcass is over 50% quicker when using the Clamex-P. Last week, I jointed up 15 carcasses in a day and built a base,

middle and top unit in that time, too. If I was relying on biscuits, clamps and screws, it would have taken three days. This isn't uncommon. Only yesterday, I made-up 17 drawer boxes using the Clamex-P and that was between other jobs. It's so quick and there's no drilling or need for pilot holes."

Martin now designs all his products with Lamello's range in mind. "They allow me to tackle jobs differently and simplify things in my workshop," he says.

This is clear in the recent installation of a wardrobe that needed to be fitted into a second-storey bedroom. Martin explains, "There wasn't a screw or a clamp in sight. I stamped out all the joints with my Zeta-P and inserted Clamex-P fixings into each panel before transporting them to site. What would have taken me over a day to install only took me a morning. What's more, when the clients later decided they wanted a fixed shelf added to the wardrobe once it had been installed, I was able to use the Divario-P connectors to slide a shelf into position.

"Without the use of Lamello's Divario-P fixings, I'd have had to move the large wardrobe and screw in from the side so each

hole was hidden, or use a baton and screws to support the shelf if the wardrobe was too heavy to move. But, when you're spending five figures on a wardrobe, visible screw holes and batons are not acceptable. Lamello proved instrumental to the overall aesthetic of this project."

"To those who ask, I can't stress the time-saving credentials enough. The whole kit paid for itself in just three jobs because of the amount of time it saved me. It is phenomenally quick and helps me manage my time effectively. Lamello gives me so much confidence in what can be achieved in a set time, without compromising on aesthetics or quality. It is an essential item for those building carcasses. It should be in your workshop. No ifs, buts or maybes. Don't be put off by the price tag because what you get back in time will far out way what you could save by using more traditional joining solutions. It saves me days in a single job and I wouldn't be without it."

For more information, please visit www.lamello.co.uk or to watch the Zeta P2 in action, check out the video at youtube.com/watch?v=alaQfU6mRLY

Gary Daw

The signs are good

Daw Signs is on a roll and with SCM at his side, managing director Gary Daw is confident his business will snowball.

It's always good to tell a success story, meet the people behind it and discover what's helped them get to where they are today. Glasgow-based Daw Signs is a real success story; proof positive that keeping a finger on the pulse and an open mind when opportunities present themselves are always worthwhile.

When I first met Gary Daw, the owner and managing director of Daw Signs, he didn't immediately strike me as a stereotypical entrepreneur. There's no flamboyance about him. He's been incredibly successful and is clearly very shrewd but he's not one for shouting from the rooftops. Modest, unassuming, informal, quietly spoken... if you met him in your local pub, it would never cross your mind that he was the driving force behind a small sign-manufacturing company that's expanded into fit-outs for developers, the manufacture of cabinetry for their

marketing suites and more recently, kitchens for housing developments as far afield as Warwickshire. His company has recently become one of only 20 to be accepted onto the prestigious *Scale up Scotland* programme, which provides funding and guidance to encourage some of the most promising businesses in Scotland to grow. It's a sure sign that Daw Signs is a name to keep an eye on.

"We started in 1990 as a general sign manufacturer," he tells me. "The signage we were producing was always for the housing industry. We developed really good relationships with our customers but it wasn't until about 2015 that we really started to grow. Our first move was into marketing suite fit-outs for our house-builder clients, then we started manufacturing cabinetry for marketing suites on their housing developments. Gradually, the business grew and we began to invest in more machinery.



"The turning point for us was when we started buying bigger machines. We went to see SCM at the WI16 show. We were on their stand for about three hours. That's where the relationship started but what we came away with gave us more capacity than we needed at the time, so, as our existing customer base was buying thousands of kitchens every year, we made the decision to offer kitchens as well.

"It took a couple of years to convince our customer base that a sign company really could manufacture kitchens and do it well but in the last three years we've gone from strength to strength. We're making about 600 kitchens a year and supplying developers from Glasgow down as far as Warwick. The business has doubled in size in the last two years and we expect it to treble from where it is now over the next two or three years."

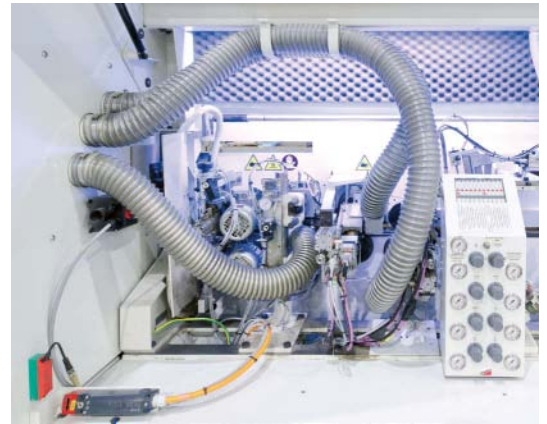
That's all good news for SCM's Lee Gibson, the effervescent technical sales guy on whose shoulders Gary heaps credit for supporting Daw Signs' growth. "It's all his fault," he says, a broad smile creasing his face. "He keeps selling us machines. Now we need even more.

"We've moved from a unit of 8,000 square feet to a unit of 33,000 square feet. We think what will happen is this entire unit will eventually end up as a machine shop. Our plan is to manufacture here in Glasgow and open an assembly plant somewhere down south so we can pallet the parts and move the cabinet presses. The South is a big market for us; 50% of what we do goes south of the border."

Gary's most recent investment in machines, which adds to his existing SCM lineup, includes a Gabbiani ST 115 beam saw with a rear loading platform that enables

Daw Signs to cut five 3,200mm x 2,200mm sheets at once; a Stefani KD edgebander with a fast changeover SGP gluepot; a Morbidelli Cyflex HP vertical drilling machine (since rebranded as the CX220) with some pretty impressive additional features; and an SCM Action E semi-automatic cabinet assembly clamp.

The Gabbiani ST, which is available with several loading platform options from 3,200mm x 1,850mm to 4,500mm x 2,200mm, is rear loaded with a powered ball-screw lifting system and an automatic pallet management device. Equipped with Maestro Cut software, it will run completely automatically, executing programs and lists of programs in sequence, or semi-automatically from the keyboard – and, if required, it can switch between automatic and semi-automatic modes during a cutting cycle if the operator needs to interrupt cutting and



Daw Signs' Stefani KD is equipped with a Fastback 21 panel return system.



return to the automatic sequence once it's performed the additional task. Programming and the use of other control functions can be carried out by the operator while the machine is cutting.

SCM's optimisation program, Maestro Pattern is included in Maestro Cut. Maestro Pattern generates the cutting layouts and converts them automatically into cutting programs without any operator involvement and each cutting pattern is saved automatically in the Gabbiani ST's Maestro Cut program directory.

Throughout the cutting cycle, Maestro Cut provides real time graphics to illustrate each cut as it is being made as well as guidance for the operator on subsequent handling. Self diagnosis of faults or errors is backed up by alarm messages and tips with recommended actions and at the end of the working day, the Gabbiani ST stores a production report on its hard drive that includes machine start and end times as well as the surface area and volume of material that's been cut.

The Stefani KD edgebander is a machine we've reported on many times and its popularity among manufacturers who want a relatively compact (just over 5.6 metres) industrial workhorse speaks volumes. It isn't the fastest machine in SCM's Stefani range at 10-20m/min feed speed but what it lacks in speed it makes up for in versatility and build quality and those who have bought into the Stefani brand speak highly of the quality of the glue line they get from their KDs. Gary is certainly delighted with his and his operators find it very easy to use.

The Stefani KD at Daw Signs – one of two SCM edgebanders in the factory – is an automatic single-sided machine equipped with a Fastback 21 return system. It's an efficient system for gluing and finishing all four sides of a straight panel.

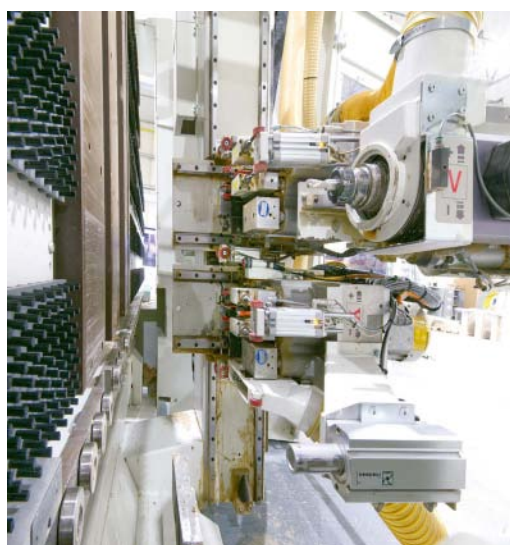
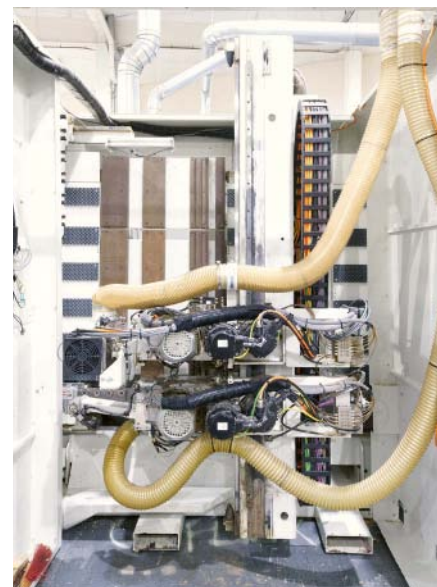
Daw Signs opted for a comprehensive specification Stefani KD with an RT-E pre-milling unit, a VC-S4.1 gluing unit, a K-SEL end-cutting unit with front copying device and automatic blade tilting up to 15 degrees,

an R-HP MultiEdge 2R trimming unit with multi-function tools, Stefani's Round SK MultiEdge rounding unit, an RAS-HP MultiEdge 2R edge scraping unit that adjusts automatically to suit different radii and an SPN brushing unit. It's also equipped with an AAR anti-adhesive device before the panel edge trimming unit and spray mist devices as well as a self-adjusting RCA/2C glue-scraping unit and an ID3000 edge-brightening unit. To improve gluing quality, especially when the factory is cold, there is an infra-red ceramic lamp that heats the panel edge before glue is applied.

A quick release system enables fast changeover of the SGP gluepot from EVA to PUR, or one colour to the next, and dosing is completely NC controlled. Both a manual-fed gluepot and a pre-melter version are available as alternatives and access for routine maintenance is very good compared with many systems. The unit is quite compact so heat up of glue is quick – under ten minutes – and the quantity of hotmelt in the unit at any one time is relatively small,



The Morbidelli Cyflex has been rebranded and is now the SCM CX220. Below left: Gary's Morbidelli Cyflex has a double drilling and is quite unique.



SCM Action E press

ensuring the adhesive is at its optimum immediately prior to application.

When it came to choosing a drilling machine, Gary had some quite specific requirements: "We needed a very heavy-duty piece of kit because we wanted to machine 1800mm x 1200mm reception desks that would not go through the standard machines on the market – and we wanted to be able to put gables through it, lots of them. The Morbidelli Cyflex HP we bought is drilling gables at a rate of 500 per day."

"The Cyflex at Daw Signs, which has been rebranded the CX220, has double drilling," confirms SCM's Lee Gibson. "It's quite a unique machine. Most machines on the market like this have one bank of drilling heads. This has two. It can also cope with a 1300mm-high panel compared with the market standard of 900mm."

The upper and lower drilling heads are equipped with a total of 35 Rotoaxial spindles powered by a 6.6kW electrospindle with HSK63F attachment that delivers 24,000rpm. For additional flexibility, the

machine at Daw Signs has a six-position tool-changer.

The twin clamps on the X-axis are NC controlled and move independently of each other. Like the operating units in the Y-axis, they are driven by a linear guide system with brushless motors and integrated braking. Lubrication is automatic and via a high-pressure hydraulic atomising system with a pressure multiplier that facilitates a productivity increase by reducing the gap between one drilling operation and the next. This particular machine isn't equipped for dowel insertion, although one of the options available on the latest CX220 facilitates simultaneous insertion of two or four impregnated dowels

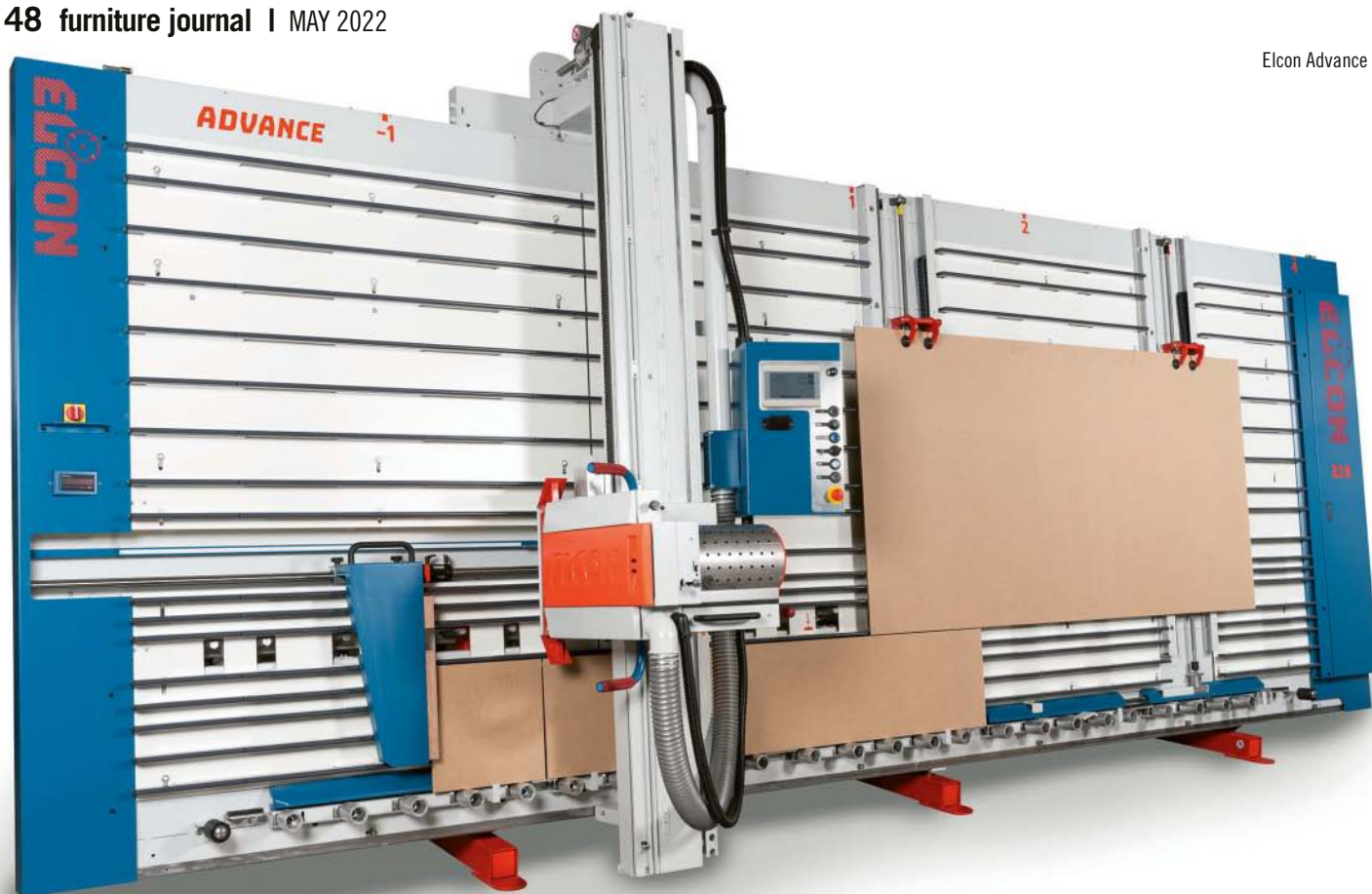
Completing the lineup at Daw Signs are a couple of SCM assembly presses, the most recent of which is an SCM Action E. Designed for manual loading of pre-assembled workpieces, the operator aligns each workpiece against a fixed vertical support that's positioned by means of a gear motor. The cabinet is pressed in both

directions at the same time by single bars equipped with a comb system that provides effective pressing across the entire surface of the workpiece.

When he first started looking at larger machines, Gary freely admits he did look at other manufacturers but the advice, the service and the training he's received from SCM, coupled with the reliability and the quality he's getting out of his SCM machines, have made him loyal to the brand. His next move will most likely be to add Cabinet Vision so all the machines in the workshop he expects Lee Gibson to help him grow further will communicate with each other.

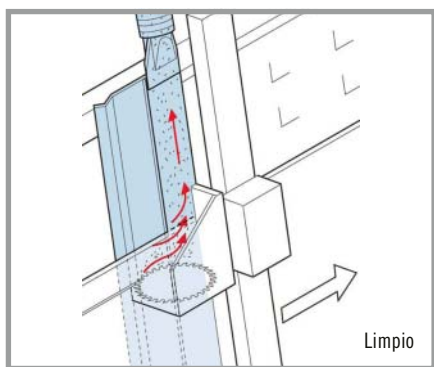
The quiet entrepreneur is on a roll. Daw Signs is growing and branching out. The future is bright and Gary is confident that with SCM at his side, his business will continue to snowball.

For more information on any of the machines featured, or to see how SCM could help you grow your business, call SCM Group (UK) Ltd on 0115 977 0044 or visit www.scmgroup.com/en_GB/scmwood



The Elcon Advantage

Three key features make Elcon vertical panel saws a popular choice.



Elcon vertical panel saws offer cutting technology suitable for a wide range of materials including wood-based panels, composites and non-ferrous metals. Among the many available options across the range, three key features are proving increasingly popular; electro-pneumatic scoring; Advance panel clamping; and Limpio dust extraction.

The electro-pneumatic scoring system is ideal when working with faced material to prevent chipping and breakout. The system allows pre-scoring of the panel using the main blade, crucially without the need for a separate scoring unit and the headaches that come with setting it. The system can be engaged and disengaged from a conveniently positioned push button on the plunge arm.

Effective and efficient dust extraction can be hard to achieve on traditional wall saws. The patented and award-winning Limpio extraction system from Elcon greatly reduces dust emissions by simultaneously extracting waste from both the front and rear of the panel. The saw blade runs in an almost completely enclosed area reducing dust emission values to less than 0.5 mg/m^3 . The system is particularly advantageous

when cutting large volumes of fibrous or cementitious material, minimising airborne waste entering the operating area.

Traditionally with any vertical panel saw, sheets are processed from the top down with horizontal strips cut prior to a secondary operation of cross cutting to finished sizes. The operator must use their trailing hand or wedges to support the strip during the horizontal cut to stop it falling back onto the blade.

The Advance system turns the cutting process on its head.

Once the machine is loaded, clamps descend and grab the panel(s) from above, taking the full weight and allowing a single operator to work the material from the bottom up. Horizontal strip cuts sit on the base of the machine needing no additional support. Each strip can then be immediately crosscut while the rest of the board remains in the clamps, minimising repeat panel handling.

For more information on the Elcon range of vertical panel saws contact sole distributors Daltons Wadkin on 0115 986 5201, email info@daltonswadkin.com or visit www.daltonswadkin.com



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Launch of the Linea

What stops a smaller manufacturer buying a beam saw? For many, it comes down to three things: space, cost and operator skill. But, what if we told you that Holz-Her's new Linea 6015 beam saw has been designed with all these factors in mind and offers you all the benefits of a beam saw without the perceived disadvantages.

Space can be a big problem for the smaller manufacturer but not with the new Linea 6015 beam saw. With an operational footprint of just 6m x 4.7m, it requires the same amount of space as a sliding table panel saw. Plus, it's also been designed with an 1,800mm sliding door to the side of the machine, giving you access to over six square metres of usable storage space beneath the workings of the machine.

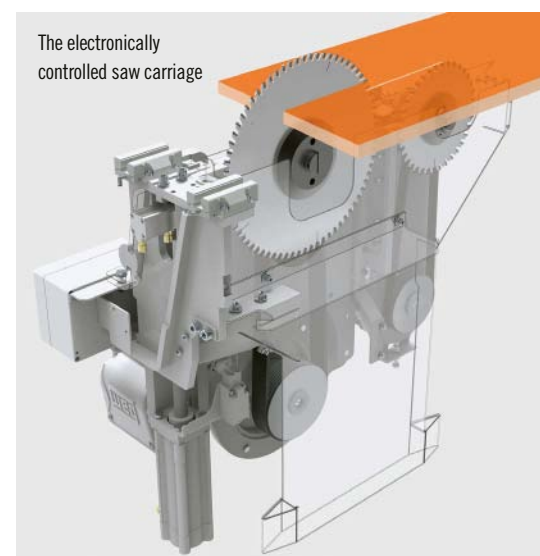
The machine's price tag and running costs may also surprise you. Designed to offer exactly what a smaller manufacturer needs, the new Linea 6015 boasts technology that cuts usage costs, labour costs and time. Thanks to Holz-Her's energy-saving saw concept, it offers an

energy saving of up to 46% with each cut and with its time-controlled shutdown, the overall running costs of the machine remain low. Cutting cycles can also be reduced thanks to its three-sheet, book-cutting capabilities and with Opti-Cut software, the margin for error and material wastage is also lowered.

Then there's the Linea's extreme cutting power. With its optional 11kW sawing unit, it's perfectly suited to hard materials like solid wood and core board. It also makes the cutting of multiple sheets in one pass simple and effective. Its energy-saving saw blade has a maximum projection of 68mm and can be adjusted by 20-40mm, whilst its newly developed 2.2kW optimised pre-scoring system has been designed to offer infinite adjustments with the motor running, saving on set-up time.

The electronically controlled saw carriage of the Linea 6015, which provides a feed speed of 0-60m/min, a return speed of 70m/min and cutting length of 3100mm, also offers extremely short cycle times and maximum productivity, whilst its software-

Holz-Her's new Linea 6015 beam saw delivers everything a small workshop needs and more.



Over six square metres of usable storage space beneath the workings of the machine.



Holz-Her's Easy Label module paves the way for Industry 4.0.

Cutting plans can be intuitively programmed from the pivoting 21.5" multi-touch monitor.



controlled bi-directional cutting feature, FCM (Fast Cut Mode) can cut grooves in the cutting direction as well as the return. This ensures the shortest possible cycle times for grooving. A light sensor also detects the end of the panel, optimising the cutting stroke.

The Linea 6015 comes with air cushioned 1,800 x 600mm support tables as standard and optional end-of-table rollers to ensure panels can be manoeuvred around the bed without back strain or risk of panel damage when loading and unloading. Holz-Her's floating clamp technology, which offers adjustable clamping pressure for delicate materials, also compensates for any irregularities in the panel stack using extremely precise linear guides that are guaranteed for 10 years – standing testament to the build quality of Holz-Her's machinery range.

The Linea 6015's powerful software and intelligent cutting packages simplify the operations of the machine, whilst offering maximum precision and speed in every cut. Operated remotely or via the beam saw's pivoting 21.5" multi-touch monitor, cutting plans can be intuitively programmed, with parts lists uploaded manually or imported from an ERP system as .csv files. Further optimised material and off-cut management programmes are also available with 3D real-time simulation offering greater insight into the cutting process and stacking sequence of finished workpieces.

Holz-Her's Easy Label module also opens up new possibilities for designing labels tailored to your production. From logos, edging information and data matrix codes for CNC machining to important workpiece information that assists with secondary machining mean that with a Linea 6015,

Industry 4.0 is a reality, even in the smallest of workshops.

Is a beam saw more capable and easier to use than a sliding table panel saw? Does it need a less skilled operator? Can it up productivity? Can it deliver on precision? "Yes," Paul Nightingale, National Sales Manager for Holz-Her UK says. "The Linea 6015 can. Holz-Her has been designing beam saws for many years and now we've condensed the very best cutting technology into a compact package that truly benefits the smaller manufacturer. No longer restricted by size, operator skill or price tag, our new Linea 6015 beam saw offers a viable alternative to a traditional table saw."

For more information call Weinig UK on 01235 557600, visit www.weinig.co.uk/en/ or, to watch a video about the new Linea 6015, touch the image marked with a link sign using the free Furniture Journal app,

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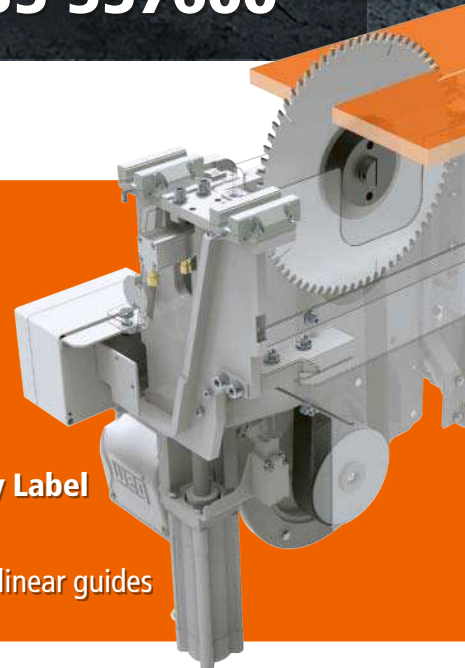


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Adam Blacow, Office Manager
at Alban Cases Ltd

A case in point

With over 75 years of experience building high-quality wooden cases, crates and cardboard boxes, Alban Cases Ltd has built-up an enviable client list, working with established names like McLaren Automotive, Aspreys, Aston Martin, News International and Red Bull. Already owners of two Striebig Compact vertical panel saws, which are currently shared with its sister company, Alban Shipping Ltd, the Luton-based manufacturer has invested in a third Striebig Compact and this one is dedicated to the production of wood and panel-based cases and crates.

"If you're looking to store, ship or protect an item, our team can manufacture a unique solution that meets the demands of any job," begins Adam Blacow, Office Manager at Alban Cases Ltd. "Every case we make is bespoke and we don't require a

minimum order quantity. Depending on the weight and size of the item, we will use 9-18mm thick 8x4 plywood sheets or sustainable timber up to four metres long. The base is either formed of planks or reinforced with soft-wood batons. This lends itself to huge order variation and the need for flexible machining. This month alone has seen us complete an order consisting of over 90 cases, 80 of which were of different sizes."

In the last 12-months, demand for the company's cases and crates has grown significantly, resulting in the company adapting its business model and focusing almost exclusively on the wood case and crate market.

"Our two original Striebig's were running at full capacity," explains Adam. "In order for us to keep up with growing demand, fulfil more orders and maintain our 7-10-day lead

"Thanks to our three Striebig vertical panel saws, nothing is too big, too small or too complicated for us to make."





time, we needed to invest in another vertical panel saw to cut our material to size.

"It was always going to be a Striebig," admits Adam. "We've been running them for over 15 years and they've been a great asset to our business. They are built to last, have remained consistently accurate and get the job done with zero fuss. They're also a firm favourite with the team, who rarely use our table saw."

When sourcing his third Striebig, Adam considered a more automated model with optimisation software like the Standard S or Control to simplify the cutting process even more but it was TM Machinery that suggested a like-for-like Compact due to the number of cuts they would be performing and their preferred sheet sizes. "TM looked at our operation and what we wanted to achieve and a higher spec model was simply not required. The Compact offered us

everything we needed: flexibility, simple set-up and pin-point accuracy. It was also a cheaper option, which shows the integrity of TM's sales team. They gave us their honest opinion and it was the right call for us." The model was teamed with an AL-KO Mobil Jet 160, which offers quiet, effective dust extraction and a manual filter shaker. It's the ideal solution for single-machine extraction and is a fraction of the cost of a static dust extraction system.

Since the new saw was installed six months ago, it's certainly been put to good use. "It's allowing us to be much more flexible," says Adam. "We've been able to fulfil urgent jobs and cater for last minute order changes more easily. We're now completing more than 30 crates a week and have the means to take on more orders without increasing our labour costs. It's also streamlined our production. Our

crate-builders no longer need to wait to use a saw and thanks to TM Machinery's engineers, who advised us on where the saw should go and what we needed to have in place in order to hit the ground running, we've been able to maximise the space we have. I expect to see a return on investment within 12-18 months."

Adam adds, "We have a great relationship with TM Machinery. Their engineers service our machines every year and if there is ever a problem or we need help or support, they're always there for us. It's like a mini Striebig showroom in our workshops now and I couldn't recommend them more highly. It's safe to say that thanks to our three Striebig vertical panel saws, nothing is too big, too small or too complicated for us to make."

For more information please visit www.tmmachinery.co.uk



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HRANICLEAN 103



Cleaning while machining

By popular demand, Hranipex has now expanded its cleaning product range to include a new range of Hraniclean machine cleaners.

For almost 30 years Hranipex has driven innovation and evolved with its customers' needs. Back in 1993, the company set out with a core product of ABS edgebanding, since when it's advanced to become one of Europe's leading manufacturers and distributors of furniture edges, adhesives, cleaners and much more.

The Hraniclean range of manual panel cleaners is well known, offers high quality at an attractive price and cleaners like the top-

selling Hraniclean 01 have no aggressive solvents, making them ideal for manual cleaning of plastics. Hraniclean 01 is powerful, fast drying and evaporates without residues. It even has a delicate citrus scent.

By popular demand, Hranipex has now expanded its range to include a new range of Hraniclean machine cleaners. "Our machine cleaners have been tried and tested in the EU for over two years," says Hranipex A&C expert, Jamie McKendrick. "We are confident Hraniclean is comparable to leading brands in the market."

The new range of machine cleaners includes: Hraniclean 101 Release (a clear liquid); Hraniclean 103 Anti-static agent (a blue liquid); Hraniclean 104 Release Agent (a green liquid); and Hraniclean 106 Cleaning Agent (a red/pink liquid). They are

understood to be compatible with all edgebanding spray systems and help to reduce the manual cleaning time during production whilst prolonging the life of the machine. They are ethanol based for excellent cleaning power with fast evaporation always giving you a perfect finish. Jamie confirms, "The anti-stick element of our cleaners prolongs the life of the tooling, preventing dust and debris from adhering to the trimmers and rollers and preventing contamination of the glue line."

Jamie is available to answer your questions and is more than happy to visit your business to help improve your production. You can contact Jamie on 07713 566 927 or email jamie.mckendrick@hranipex.com Alternatively, call Hranipex UK on 0121 767 9180 or visit www.hranipex.co.uk



No pot PUR

Switch between conventional adhesive and tape-fed PUR with Felder's new Gluebox system.

With its recently introduced Gluebox for the Format 4 Tempora F600 60.06

edgebander, Felder is quite literally on a roll.

The elimination of moisture ingress on panels that are subjected to water, heat or steamy conditions has long been a problem for smaller manufacturers who produce bathroom and kitchen furniture because the only real option up until now if you want a secure, moisture-proof edge has been to use PUR adhesive to stick edging tapes. In recent times, adhesive manufacturers have introduced an array of options from blister packs to easy-to-clean small capacity glue pots that reduce the maintenance commonly associated with polyurethane formulations but only one manufacturer has come up with a solution that requires no clean-down maintenance at all: Felder.

Felder's Gluebox gives you all the advantages of PUR adhesive, including the thinner, near invisible glue joint you'd expect – but it doesn't use a liquid polyurethane adhesive, nor even a granulated product; it uses a dry PUR glue roll. Gluebox attaches a thin tape of adhesive between the edgebanding material and the workpiece,

fusing the two together as they pass through the heater. The result is a completely watertight seal that's almost invisible.

The Gluebox system is ready to use in just 90 seconds from startup and when you need to change a strip, it's a totally tool-free operation. Because the adhesive is on a roll, wastage is reduced to zero: just choose the roll length and tape width that's perfect for the job you want to process and feed it in. There are three coil lengths – 25, 75, or 100 linear metres – and three widths for use with workpiece thicknesses of 8, 16, 19, or 40mm and if you want to edge a panel with PUR tape on one side and use conventional EVA on the others, alternating operation with the glue pot on the Tempora F600 60.06 can be done at any time, in seconds. Processing speed with either the gluepot or Gluebox is 10m/min and you get M-motion and X-motion Plus control with the Tempora F600 60.06 for automation of your production, all in an energy-efficient machine that requires a low compressed air supply.

For more information call Felder on 01908 635000, visit www.felder-group.com or watch a demonstration at youtube.com/watch?v=ce6DWMzH_wQ



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New Combi with Dynamic 360°™

Combilift's new Dynamic 360°™ steering provides rotation on each wheel, enabling seamless directional change of the new Combi-MR4 while on the move.

Since Combilift launched its first C4000 model in 1998, multidirectional capability has been one of the major hallmarks of the company's wide range of handling solutions. 24 years and thousands of R&D hours later, its latest product, the Combi-MR4, takes multidirectional capability to the next level.

The Combi-MR4 is a 4-wheel electric powered multidirectional reach-truck that incorporates Combilift's new Dynamic 360°™ steering and provides rotation on each wheel, enabling seamless directional change of the truck while on the move. The system allows this extremely agile forklift to work in forward, sideward and crab steer mode, guaranteeing swift operation and excellent manoeuvrability. Hence the full name of the new model: the Combi-MR4 Dynamic 360.

The impetus for the development of this latest addition to Combilift's portfolio was to develop a multi-directional truck, with a very low platform to maximise storage density within racking. The Combi-MR4 is available in two unique models, with capacity ranges of 2,500Kg-3,000kg and 3,500Kg-4,500kg respectively, and can operate in aisles as narrow as 2265mm when guided (based on 1200mm deep material). To maximise all storage space in racking systems the wheel configuration of two drive wheels at the rear and two sets of smaller dual front wheels provides a platform height as low as 380mm, allowing otherwise redundant areas towards the floor to be used.





New 360° Steer



Dynamic 360°™ in action



In keeping with Combilift's common overall design ethos, the highly versatile Combi-MR4 can handle long loads as well as palletised goods with ease and can load and offload from delivery trucks.

Driver comfort and safety are also major considerations, and this new truck definitely delivers the goods from an ergonomic point of view: a high visibility operator cabin, multi-function control joystick, AC-electric power steering and joystick operated hydraulic mast functions all make for a smooth ride and straightforward operation. The articulated rear axle with two rear rubber drive wheels provides optimum traction for outdoor use, while still ensuring nimble and accurate truck placement.

To achieve this level of manoeuvrability, Combilift utilised its newly developed in-house Dynamic 360°™ steering. This novel steering concept enables operators to

manipulate the truck's positioning and orientation without the need to stop and change driving mode. Intuitive and easy-to-operate, this is achieved by simply twisting the control joystick right or left to adjust the wheel positions simultaneously – providing crab steering and allowing on-the-go direction change.

Combilift always likes to ensure that any new product has been thoroughly tried and tested in the field to make certain that it is 100% fit for purpose. Following the initial operation of 3,000kg Combi-MR4 units, a 4,500kg model was developed after receiving a request from Combilift's dealer in the BeNeLux region – Mabo BeNeLux – for a larger capacity unit for their customer TABS (Timber and Building Supplies Holland). One of the Netherlands' leading suppliers of timber products and building materials, with 104 outlets across the country, TABS has

partnered with Combilift and operated its multidirectional trucks for more than 15 years. It now has MR4 trucks at several locations in the Netherlands and is about to take delivery of its 15th and 16th trucks, which will work at its distribution centres in Zaandam and Bleiswijk.

Combilift CEO Martin McVicar: "TABS are delighted with the ongoing successful implementation of their Combi-MR4s and the improved levels of efficiency thanks to the overall design and features such as low platform height as well as the advanced Dynamic 360°™ steering system. I have no doubt that this new additional electric model will grow Combilift's customer base. We are looking forward to showcasing the Combi-MR4 to our existing dealers, and potential new customers during the LogiMAT Intralogistics exhibition in Stuttgart at the end of May."



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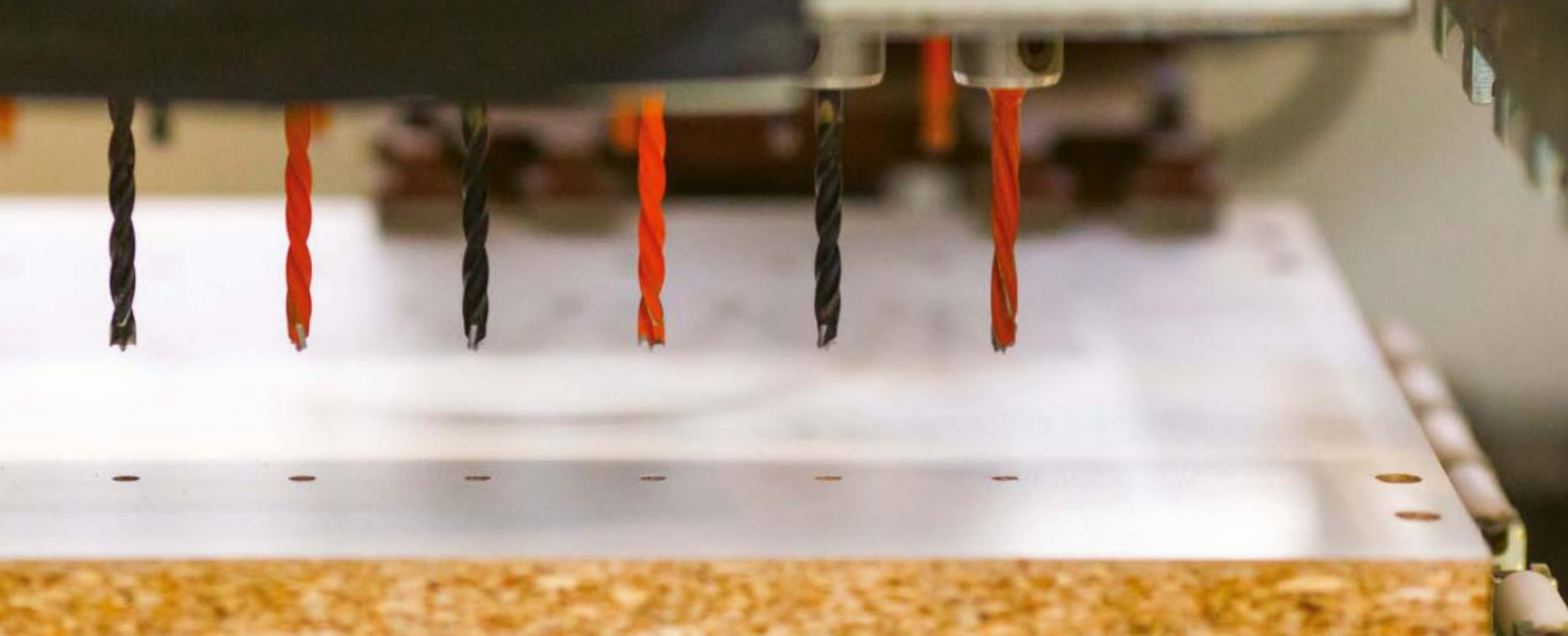
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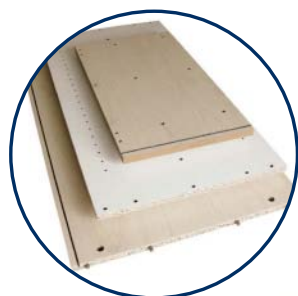




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