

MAY 2023 furniture

JOURNAL



ON THE COVER:

Bradly Larkan talks about the new bio-based PUR Kleiberit will launch on a Ligna stand dedicated to sustainability

Commodore Design is finding the power of V8 irresistible to kitchen buyers

Interzum & Ligna: only days away

Talking Technical: Lorenzo Ricciardi joins Biesse UK

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On the Cover

Bradly Larkan talks about the new bio-based PUR Kleiberit will launch on a Ligna stand dedicated to sustainability

Story: pages 66-67

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The power of V8

When Commodore Design upgraded to the Vionaro V8 drawer box to improve the perceived quality of its own product, directors Andrew Lee and Matt Hollis could never have anticipated the profound effect the Grass product would have on their own.

When an already successful company that's recently celebrated 50 years in business tells me it's found the key to winning more contracts in a highly-competitive, price-sensitive market, it's guaranteed to get my attention. I'm not a betting man but when I tell you it's achieving that as a direct result of making one simple but fundamental change to the specification of its kitchens, I'd lay odds it will get your attention too.

Commodore Design, established in 1971 and a member of the Nobia Group since 2015, has made a name for itself in the contract kitchen market. It supplies a broad range of kitchens covering the needs of developers small and large. Its client base

includes contractors involved with prestigious high-end penthouses and conversions in and around London through to large-scale housing developments and single plot building projects.

"Historically, people came to us and whatever they wanted we provided it," Andrew Lee, Managing Director at Commodore Design tells me. "We still have customers who have high value plots and use interior designers who have some very specific requirements. These are sometimes quite challenging. We always embrace a challenge but we have also taken a lot of what we supply and rationalised it. We had many different styles and we were running 26 or 27 different finishes at one point. We



Andrew Lee (right) and Matt Hollis



netted that down to about 12 but when we analysed what we were selling most of, 85% of it was a shade of grey so we reduced that even further.”

“We went to market with a brand-new range last year,” explains Matt Hollis, Commodore Design’s Sales Director. “It includes a Standard offer with seven core colours and a Plus range with a wide variety of finishes and door styles and paint-matched as an option. We were very creative but we haven’t been overly bold. Every kitchen company has a standard matrix. We’ve focussed that down but we wouldn’t say no if someone wanted something different. We’d offer our Standard and see if that was an option. If it didn’t work, we’d make what they want. We haven’t turned away from our central core. We’re still giving our clients exactly what they want.

When Commodore Design started to develop its new range for launch last year, Andrew and Matt knew they needed an edge over their competitors if they were to grow their business in such a competitive market. Across the Channel, Nobia Group had

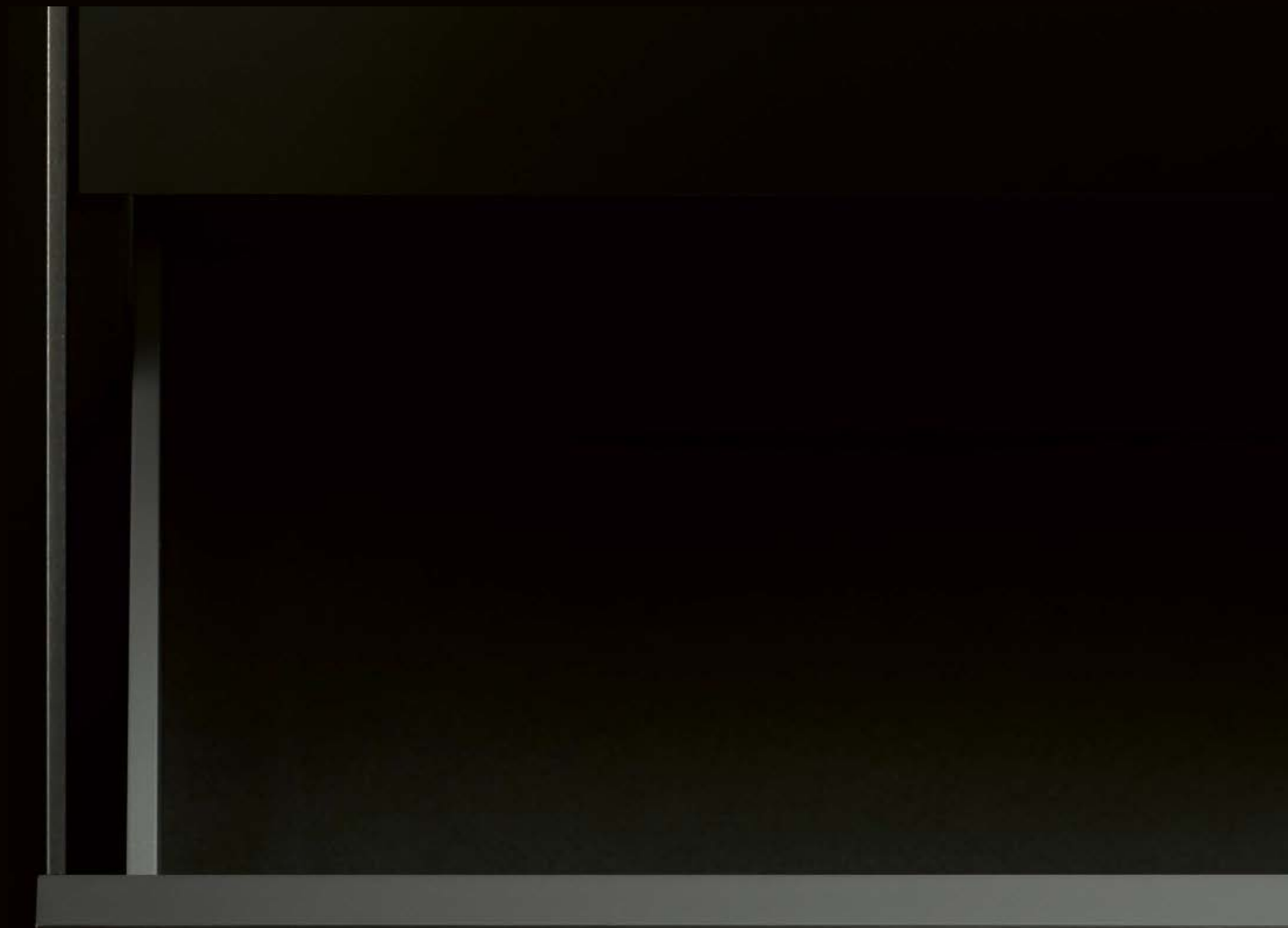
already bought into the wow factor provided by the revolutionary super-slim Vionaro V8 drawer system from Grass. Aware that the product was already having a profound impact on Nobia’s designs, they decided to take a closer look.

“When we started looking at drawer boxes, we looked at a range of suppliers,” Andrew tells me. “We’d been with the same supplier for ever and some of the products we were using were quite dated. The V8 drawer box is different, very different. It is beautifully executed, very delicate, very thin and we thought it was a real point of difference that would take us forward and bring our cabinets right up to date. To have something 8mm when the rest of the industry is still using 13mm is very distinctive and aesthetically pleasing and we thought it would really set us apart. It’s a feature we knew we could promote that goes beyond a different shade or a different shape.”

He wasn’t wrong but little could he have known just how profound the effect of switching to Vionaro V8 would turn out to be when pitching to clients.

Matt takes up the story: “We quite often supply mock-up pods comprising a base unit and a wall unit when we present our product to clients. When you see ours with a V8 box at the side of the others, it really does make a world of difference – not just aesthetically but also in the way it glides and feels. We’ve gone into projects where we have offered a fairly standard product that’s been upgraded with the Vionaro V8 drawer box and immediately the perceived quality of our own product has been lifted, setting it apart from that of our competitors. It provides an immediate point of difference between us and our competitors and that’s something our clients notice. They can see the benefit in it straight away. We’re now using V8 as a tool to lift our offer.”

Although Andrew and Matt are very aware they could also have used the aesthetic appeal of Vionaro V8 to justify an uplift in price, they chose not to. “More and more we are finding ourselves making business decisions that add value for our clients,” Matt tells me. “One day we’d like to see V8 as our new standard but it needs to be phased in.



For the moment, we've decided to keep it for our premium products, although we do offer Grass as an upgrade to our standard product. It goes hand in hand with the handleless styles. We transformed our carcass when we revised the range and increased our drawer depths from 450mm to 500mm, bringing the latest look to the latest technology."

What's also interesting is that the design of Vionaro V8 has inspired Commodore's designers to experiment with ideas that reflect the super-thin 8mm drawer side in the design of their fascias. "We've got an offer now that includes a light grey carcass with a graphite edge and the graphite edge is designed to match the Vionaro V8 drawer box," says Matt. "It works really well with a darker style door and that's something our clients like. The dark front edge works really well with the dark drawer box and the Grass internal fittings. It's a point of difference for our clients that further uplifts our offer."

"Another point of difference is the product is 100% recyclable," adds Andrew.

"That's also something our clients like to hear. We are in the process of coming up with a recycled kitchen so V8 goes hand in hand with that. We are getting more and more demand from our client base for conscious recycling in the supply chain and chain of ownership is increasingly important. It's another box V8 ticks that you can't get anywhere else.

"The other benefit is you don't have to route the base out like you do with the other drawer boxes we use. There is no routing at all with the Grass system, which reduces time, chippings and waste. It's another environmental plus."

Asking about the technical challenges switching to Vionaro V8 has involved, Andrew confirms there weren't any: "From a manufacturing perspective, we haven't encountered any challenges. Quite the opposite in fact. We have a machine to assemble the drawer boxes, which is fantastic. The cycle time is a lot faster than the machine we have for assembling our other drawer boxes. We have been given all the plant to assemble rapidly.

"Grass has been amazing – we've never had that support from our other supplier. We knew the product would need development and we started with one project and carefully ramped it up in a way that assisted us and Grass. The product is very good, the support has been really excellent and the product is one of a kind. We're really, really pleased with it."

Concludes Matt: "From a sales and marketing perspective, we've been given lots of impressive literature. The video is very good and we've used both the video and the literature in our own presentations and our range overview. The imagery is exceptional. It's really helped us get the product into the market. Having that kind of partnership is entirely new to us. We never went looking for it but now we have it, we're finding the whole experience very different and beneficial."

To find out how the new Vionaro V8 drawer system from Grass could benefit you, email info-uk@grass.eu or call 0121 500 5824.



70 years of Rehau

After 70 years of manufacturing, Rehau has a more comprehensive range than ever before.

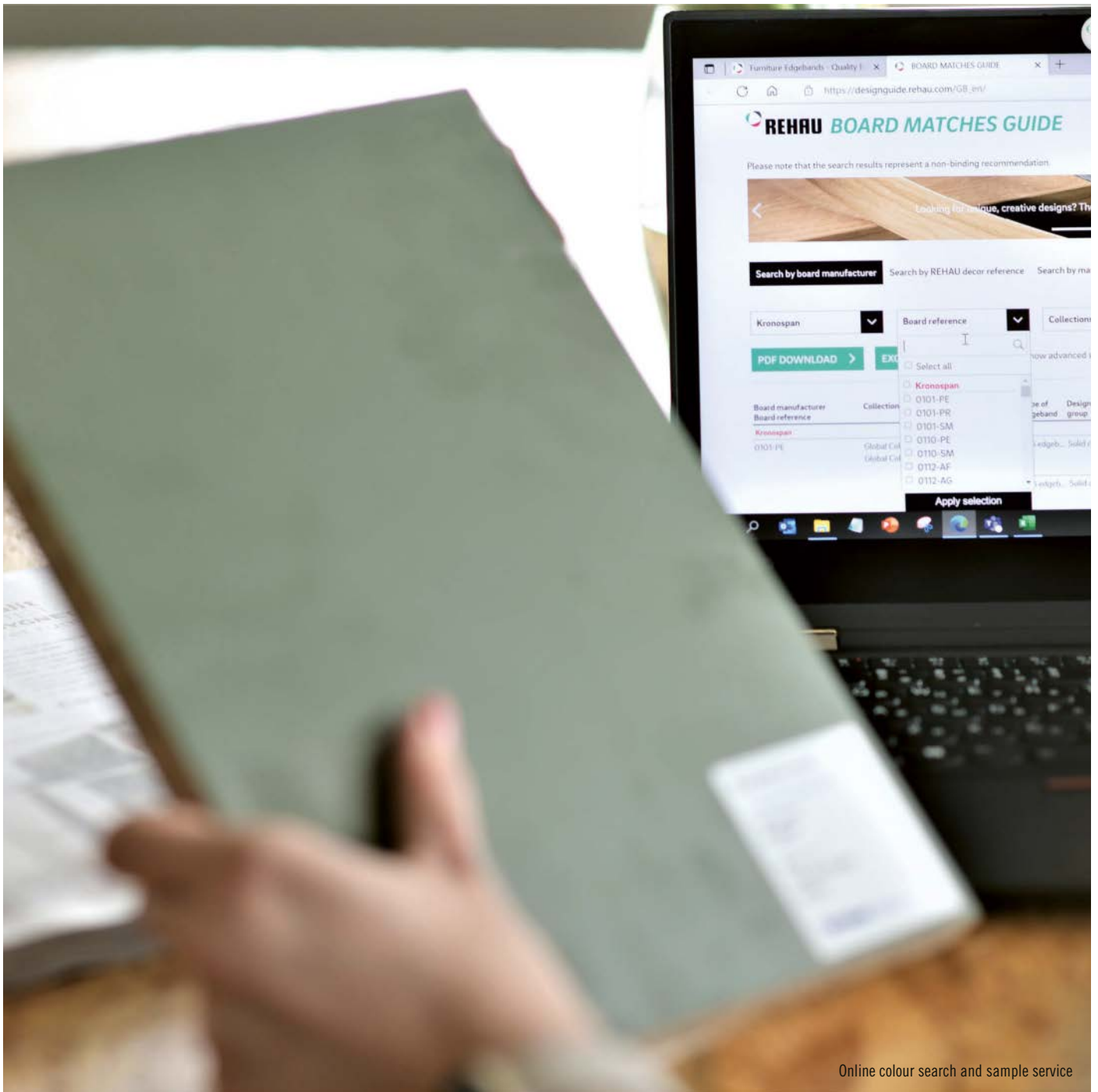
After 70 years of high quality manufacturing, edgebands remain at the very heart of Rehau's dynamic and expanding furniture business. Today, the company has a more comprehensive range than ever before.

With 1,800 colours and over 200,000 decorative designs in stock, the Raukantex brand from Rehau has a solution for every possible panel or board, providing a perfect match and a zero-joint solution for long-lasting durability.

Rehau offers patented solutions like its Raukantex Pro invisible-joint edgebands, which have set new standards for kitchen and bathroom furniture. But now, with its latest launch, Rehau is introducing a new edgeband

range that perfectly coordinates with Kronsospan's Kronodesign Collection – a range of contemporary, future-oriented and high-quality wood-based panels, which was launched in January 2023. Rehau offers edgebands that are 100% matched to these new products.

Rehau regularly works with major manufacturers from around the world to complement products from the world's leading board and panel manufacturers, and in turn it makes product manufacturing easier and more reliable for furniture and joinery production specialists in the UK. The company offers 100% matches to major panel and laminate manufacturers like Egger, Pfleiderer, Kronospan, Unilin, Formica, Fundermax.



Online colour search and sample service

To Rehau, edgebands are personal, almost emotional, because they enable joinery and furniture producers just like you to realise their dreams. Rehau offers reliability, flexibility and a passion for innovation – values that the market respects from Rehau – and this is why the Rehau range inspires such trust in the market.

“The company’s products are *enabling exceptional design*,” says Monika Skotarczak, Marketing and Communications, Rehau Furniture Solutions UK. “Rehau is not just edgeband, it is also surfaces and roller shutters, all perfectly designed and matched. It is an *enabler* – making it possible for producers to continue manufacturing their superb creations without the worry of

whether the edgeband is a perfect match or whether it will be durable, stain-resistant and waterproof. Because it’s from Rehau, they can be confident that the product will perform.

“To make this a reality, Rehau offers a one-stop shop for its various brands – Edgebands, Roller shutters, and Surfaces.

“We can be proud not only of our brand but of people behind it; it is teamwork on a large scale from product development, to product communication – and a great sales team. We are all people with passion, energy and huge experience in what we are doing.”

The coordination possibilities offered by Rehau edgebands are more or less limitless, as seen in the company’s new Deep collection (which allows matt surfaces to

assume an unimagined sense of depth) and the Noble matt collection, which heralds a touch of luxury with a unique feel and a selection of colours suitable for all design features, while remaining low-maintenance.

The huge range of colours and styles offered by Rehau is unique on the market. The range includes: solid colours – over 800 options in stock for a uniform look; decorative designs – fully patterned, these designs incorporate everything from elegant woods to multiplex effects, elaborate combination designs, dazzling stone effects and trendy metallic prints; mirror gloss – for the ultra-modern uniform look; elegant matt, which is scratch-resistant and virtually impervious to fingerprints; real glass effect –



100% matches
to all the major
manufacturers



100% perfect matching to the
new Kronodesign Collection

the look of real glass with the advantages of polymer construction; Translucent – it transforms any shelf or countertop into a work of art; 3D look – these designs take design to a new dimension; metallic effect – a designer favourite; feature edgebands that put the edgeband centre stage to create a design element in its own right; and real wood veneer, the perfect real wood edge to complement wooden panels.

To help you navigate through the wide range of colour and design options on offer, the company offers an online colour search

with the option of quickly and easily ordering samples – and for UK customers, Rehau is about to launch an expanded distribution operation from its base in Manchester. This will hold increased stock and lead to improved and accelerated deliveries for UK customers from this summer.

Discover Rehau's edgeband search facility, the sample service and expert hotline, along with professional tools for furniture specialists. Visit: www.rehau.uk/edgeband-search where you will find board and décor matches and order samples.

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Sourced from sustainably managed forests, our engineered wood panels are proof of our commitment to creating products that contribute to sustainable and healthier environments. Renowned for their versatility as much as their durability, our products are suitable for a multitude of applications.

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In stock at Surteco

Surteco UK is well known for holding stock of an edging range that's been specially geared to the needs of the UK and Irish markets and it follows the market very closely to deliver the right solutions in ABS, PVC, PP, Fusion Laser, and 3D acrylic edgings.

Surteco's range includes edgings that match the décors of board manufactures like Kronospan, Egger, Serica and Pfleiderer. Recently, the company has announced matches to the new Kronospan Kronosdesign collection, for which Surteco is an appointed distributor; and included in the UK stock range is the AL08 Brushed Titan – the newest addition to the Lustrous Metal Boards collection.

Surteco UK also stocks the new Perfect Sense-texture Egger TM9 décors – a range of on-trend décors in a smooth, supermatt finish.

If it's matt finishes that interest you, Ultra Matt edgings from Surteco feature a very low reflection surface and gloss level <4 GU and feature an ultra-velvety surface and extreme resistance to fingerprints, grease, or dust. Ultra Matt is a product that is very easy to

clean. Additionally, all Serica Supermatt décors are stocked in 0.8mm and 2mm.

Surteco is proud of its reputation for delivering a personal and tailored service. At Surteco, you get direct contact with the company's commercial team and access to free samples and technical advice. In addition to the comprehensive stock range, if you need a customised edging that requires specific colour-matching, Surteco can expertly colour-match any décor or finish required.

At its warehouse in Burnley, Surteco UK has a huge stocking facility backed up with five slitting machines to produce customised widths on a quick turnaround from order to delivery. It's ideal if your work is bespoke projects. In addition to a large stockholding of edgebands, Surteco UK holds stocks of Surteco Groups wide range of products, including paper foils for profile wrapping and flat lamination, PVC foils (ideal for 1D, 2D and 3D membrane pressing), the new and exciting Sphera Supermatt and a PVC foil collection that includes Stripes and Pyramids designs.

For samples and more information, call 01282 686855 or email info@uk.surteco.com

Surteco's stock edgingbanding range includes edgings that match the décors of main board manufactures – and both paper and PVC foils.



Elegant units created
by Richard Baker
Furniture using
Meditate Optima.

Stylish sustainability

The sustainable, environmentally-friendly panel products range from Medite now includes Medite Optima with enhanced properties.

One of the top furniture trends of 2023 is sustainability. As people continue to look at how they can do their bit for the environment, it's important for furniture makers, carpenters and joiners to use more sustainable materials in their projects – materials like bamboo, recycled textiles and, of course, wood.

As a leading manufacturer of environmentally-conscious engineered wood panels, Medite's commitment to

sustainability is core to all levels of its business from sustainably managed forests to the manufacture of low embodied carbon materials.

Medite Smartply's products, sourced from sustainably-managed forests in Ireland, store carbon throughout their lifetime and both the MDF and OSB ranges are FSC certified. The MDF range is also CARB2 compliant and the OSB range is manufactured with no added formaldehyde.

Medite Smartply's extensive range of MDF products includes standard, speciality, and technical variants to meet a multitude of specifications. Medite MDF is created using finely milled pine and spruce, which are pressed together to make them flat and smooth without any inconsistencies – ideal

for flawless spray painting and veneering. As well as Medite MR, moisture resistant MDF, and Medite Premier, a multi-purpose MDF ideal for furniture, the range includes Medite Clear, a medium-density fibreboard panel manufactured with no added formaldehyde for environmentally-sensitive interior applications such as nurseries, schools and museums. The latest addition to the range, Medite Optima, is a specially-engineered, higher-density, moisture-resistant MDF panel with superior finishing properties that offers added density and claims unrivalled machinability and an even higher surface quality.

You'll find plenty of inspiration at Medite's MDF community site. Sign up and receive a free gift: www.meditemakesitreal.com



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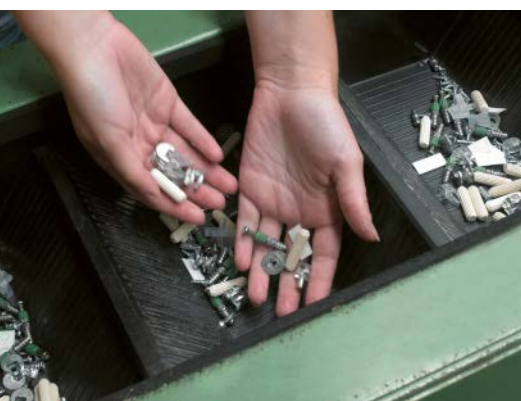
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SPL: more than lighting

Lighting, handles, gola rails and more from Leeds-based Sycamore Products Ltd.



Lighting is ever evolving, so SPL Components stocks the most up-to-date products to help you maintain your edge in the market.

In stock are conventional round cabinet lights, slim design lighting, strip lighting, battery lighting, ceiling lighting and pop-up sockets – and recently the company has introduced sleek, contemporary illuminated bathroom mirrors with a range of features such as built-in demisters, dimmable options, tunable (ability to cycle through the warm white, natural white and cool white colour temperatures) variants and IP44-rated models. All Sycamore's standard lighting has a three-year guarantee and the bathroom mirrors have a five-year guarantee.

However, Sycamore Products isn't just about lighting. The company also offers handles in various shapes, sizes and finishes as part of a core range that includes standard

chrome and brushed nickel finishes right through to black, copper and brass finishes. If the specific handle you are looking for isn't in stock, Sycamore works with a number of handle suppliers and can offer a selection of handles that extends well beyond those listed in its catalogues.

In addition, the range of gola rails available from Sycamore is growing, as more and more of its customers are starting to introduce handleless gola rails into their ranges. Using gola rails is a perfect solution for modern kitchens that gives a clean, contemporary and aesthetically pleasing look. Sycamore offers many different finishes, including silver (aluminium), black, champagne, grey, white and brass. More new colours are being launched in June, including Bronze and Copper.

For more information call SPL Components Ltd on 0113 271 3200, or visit www.splcomponentsltd.co.uk



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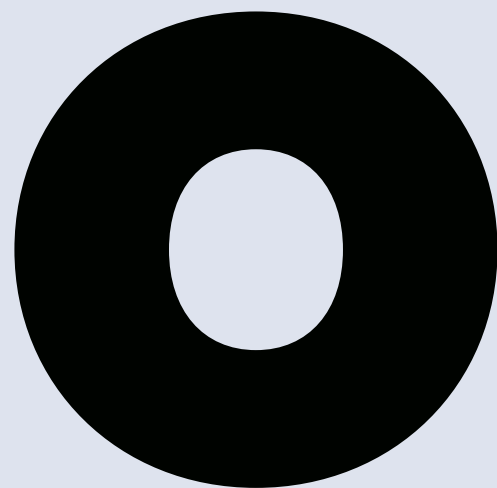
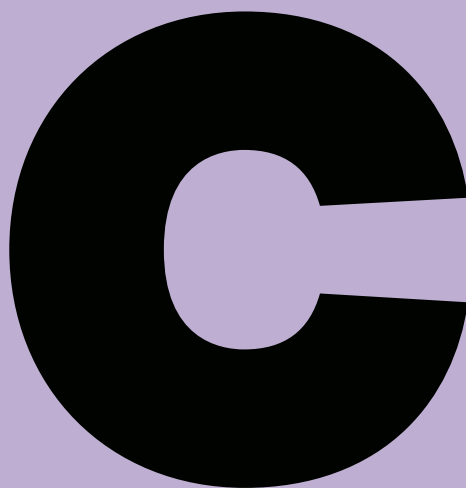
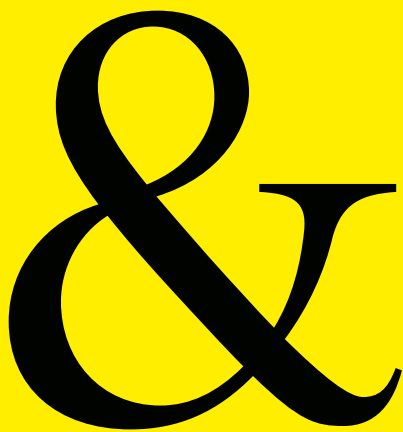
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Interzum preview

Interzum 2023, the largest biennial exhibition of furniture suppliers, interior fittings and related products in the European calendar, opens on 9th May.

It's been four long years since the furniture manufacturing industry had the opportunity to attend a physical edition of Interzum, the largest biennial exhibition of furniture suppliers, interior fittings and related products in the European calendar, so it is with eager anticipation that we look forward to Interzum 2023.

Held at the Kölnmesse exhibition centre in Cologne from 9th-12th May, Interzum 2023 will offer exhibitors the opportunity to show their latest products, ideas and innovations both on individual

stands and in 20-minute slots on the Interzum Product Stage.

From the Interzum Trend Stage, hosted by Trendfilter®, renowned experts will provide information about the most important developments, trends and future topics for furniture, materials and furnishings. From technical innovations and future-oriented design to social change, the aim is to provide visitors with a comprehensive overview of present and future trends.

Special shows will include three Trend Forums: Function and Components, which will take a look into the near future and outline how the fittings and lighting industry is preparing for the future and provide an overview of the topics and issues it is dealing with; Materials and Nature, with its central theme, *Neo-ecology*, and focus on the transition to the most important megatrend of the next decade, a circular economy; and a special forum for Textile Machinery that will

see innovative companies and international industry associations present ideas, products and initiatives on a theme of *Mattress Recycling - From Linear to Circular*.

In 2019, Interzum drew 74,000 visitors from 152 countries and 1,805 exhibitors presented their products over an area of 190,000 square metres. With several well-respected big-name brands noted for their absence from the 2023 exhibitor list, and in the wake of a pandemic that's disrupted everything from travel to raw materials and product development, it will be interesting to see how Interzum 2023 compares. Furniture Journal will be there and we're optimistic it will be a great show!

Users of the free Furniture Journal app can buy tickets here: www.interzum.com/en/trade-fair/interzum-2023/tickets/buy-tickets/ and search exhibitors here: www.interzum.com/en/interzum-exhibitors/list-of-exhibitors/

A lush green forest with tall, straight trees and a dense canopy of leaves, with sunlight filtering through the branches. The ground is covered in ferns and fallen leaves.

Saviola On Track

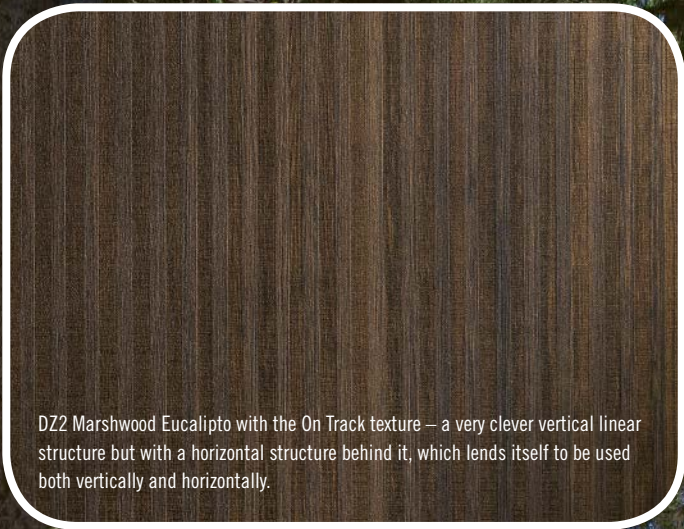


Barry Berman

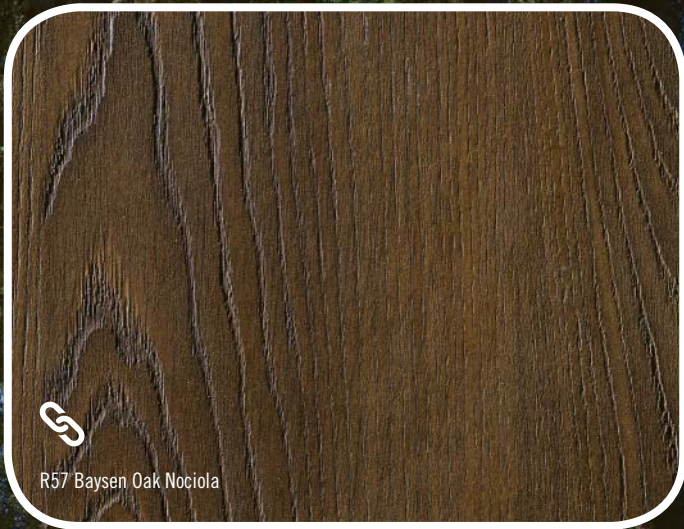
Unique in its combination of design and texture and use of 100% recycled board, the décor specialist Saviola is growing a significant following in the UK.

It's great to be able to reassure your most environmentally-sensitive customers that your products are made from 100% recycled board. But when everybody seems to be offering products that come with a greater or lesser degree of eco-friendliness, how much more powerful is it to state with absolute confidence that *four million trees a year are not cut down due to the Saviola process of giving wood a second life?* That's a serious number of trees. It really starts to put things in perspective.

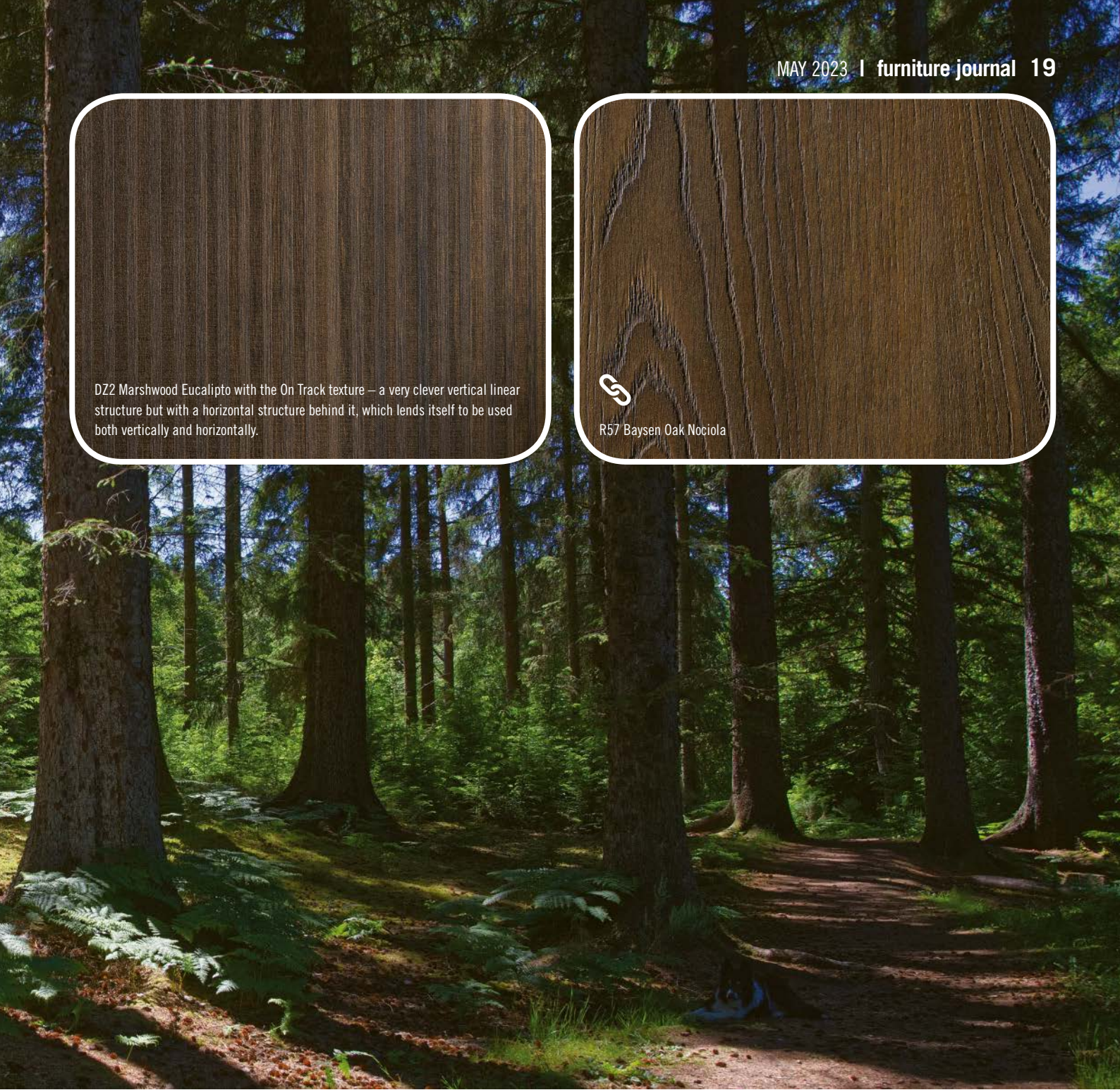
For any furniture manufacturer (including if your clients are from the commercial and office sectors) being able to manufacture both the carcasses and the fascias of your furniture from Saviola's 100% recycled board is a huge advantage. But it's not the only reason Saviola has been getting a lot of attention in recent months. Design, texture, feel, originality, the product differentiation Saviola designs provide – and more recently availability and stock-holding through distribution partners Panelco and Timbmet –



DZ2 Marshwood Eucalipto with the On Track texture – a very clever vertical linear structure but with a horizontal structure behind it, which lends itself to be used both vertically and horizontally.

R57 Baysen Oak Nociola



have all played a part in the rise of this remarkable Italian brand in the UK.

I still remember Saviola's Vanguard décor when it was first shown at Sicam. Even with close-up scrutiny, neither my eyes nor my fingers could tell whether it was a foil or a veneer. Six years have passed since then and with each season, the décor launches from Saviola's design team have grown in number, grown in breadth and grown in authenticity. UK manufacturers from all sectors of the industry who have long wanted originality and a product that can make a real difference to their own are beginning to take advantage of the distinction Saviola gives them.

Until Panelco's Innovation Insight Event earlier this year, 26 Saviola décors were in

stock and available on next-day delivery from the nationwide distributor. Following the event, a further 18 décors were added to Panelco's Saviola offer, including three colours of the embossed-in-register design Baysen Oak; DZ2 Marshwood Eucalipto with the On Track texture and a silver and a graphite metallic, both with the On Track texture; Stripped Wood comes in a dark, medium and light colour with the Vetta texture available in medium and light colourways; two new Terrazzo colours; two new concretes in the Accona design; Nero Marquina, a new marble with the unique Blunt texture; and two new embossed-in-register versions of Leonardo in grey and black.

Commenting after what turned out to be sparkling events at Panelco and Timbmet, Barry Berman, Saviola's UK agent, was very upbeat: "What we found at both shows is that it is easy to be fixed on the KBB market, whereas décors like Stripped Wood were visualised in other areas of our industry, such as media units, definitely display and shopfitting and the hospitality industry. It was the same with the two colours of Leonardo that are being added to Panelco's stock range. They cross over to so many sectors and I am sure that once we start to get the message over to architects and designers, we will add a whole new clientele that wants to work with Saviola."



What really comes across with Saviola is that the design team, headed up by Daniele Merla, always looks at things differently. It's easy to dismiss a new oak décor as just another oak but the colours in Baysen Oak and the embossed-in-register texture impart a unique, real wood look and feel that really stands out. Like all the Saviola décors Panelco is stocking, Baysen Oak has been specially selected to suit British taste but at the same time, it takes influence from wider trends: gone are heavy rustic elements; the new oak is warm, almost walnut-like in colour and sophisticated in grain. To the touch, it is virtually indistinguishable from the real thing.

Linear effects are rising in popularity and the combination of strong structure and

striking design that is so typical of Saviola can be seen clearly in décors like Intaglio with Vetta texture. Comments Barry, "If we take the On Track, Vetta and Stripped Wood as the linear theme, which is a very strong trend at the moment, I think this not only demonstrates Saviola's awareness of what the market is doing, it shows the speed with which they bring designs to market."

In the décor Stripped Wood, a very realistic EIR woodgrain gives authenticity while random, almost routed vertical lines provide a clear example of the clever way that Saviola blends texture and pattern to create combinations of its own that have multiple uses. When Marshwood Eucalipto is combined with On Track texture, for example, the décor benefits

from a vertical linear structure with a horizontal structure behind it, making it versatile, adaptable and suitable for both vertical and horizontal use.

It's not difficult to see why interest in Saviola's décors has grown almost as quickly as its success in the UK. Unique design, clever use of texture – and the huge market advantage that comes from being able to tell customers that *four million trees a year are not cut down due to the Saviola process of giving wood a second life* – add up to one powerful marketing combination you could really benefit from.

For more information on the latest designs from Saviola, call Barry Berman on 07785 373118 or visit the Saviola stand at Interzum: hall 6.1, stand EO19.

Saviola

Leonardo Corda

P81

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Nuo at Interzum

At Interzum 2023, Schorn and Groh will unveil one of its most innovative product developments, Nuo.

Nuo is a wood textile that is as soft as leather, as supple as fabric, yet it's made from genuine veneer – and it's sustainable. Real wood of just 0.5mm in thickness is bonded to a textile backing, then laser-processed to engrave fine lines that give the wood surface its flexibility and beauty.

Nuo bends in three dimensions, making it perfect for unusual shapes and will almost certainly find new applications in high-end interior design, where it can be used for wall and ceiling coverings with acoustic effects – or maybe even in upholstery.

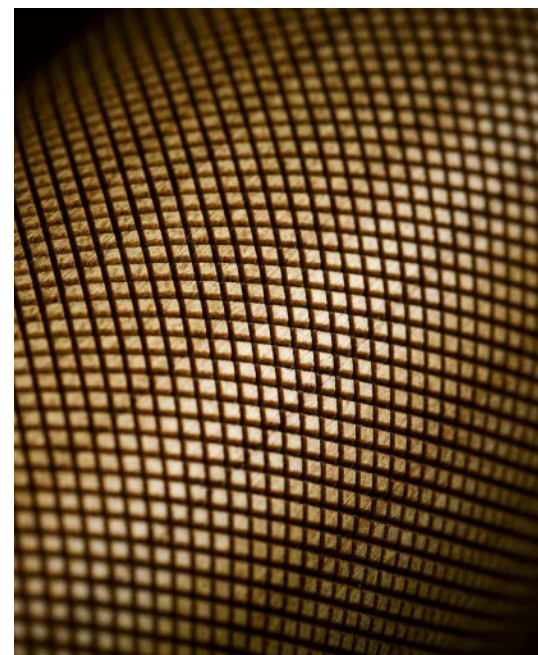
"Everyone who holds Nuo in their hand is just delighted by the material's pleasant feel and beauty," says Managing Director, Rolf Loose-Leonhardt. "It's a veneer but a flexible one, so it opens up a whole new range of applications because it allows for the use of wood in areas that were previously unthinkable."

There are four different types of engraving to choose from, ranging in thickness from 1.5mm to a maximum of 4mm, and Nuo comes in a standard size of 1240mm wide by 2500mm long, a small-size version of 620mm x 1250mm and larger formats up to 2800mm on special request.

Six different wood species are available including oak, walnut, ash and beech – plus two fineline versions. Depending on the application, Nuo can be backed with microfibre, cotton, or fleece and the standard version comes with a cotton backing that's made from 90% renewable raw materials and covers most applications. The Nuo Prime version has a strong, yet flexible microfibre backing and was developed for heavier wear applications, or products where a higher tear resistance is desirable. There is also a Nuo Rigid version, which has a fleece backing and is suitable for bonding to rigid and smooth backing materials, or rounded edges and surfaces with larger radii.

For more details visit hall 6, stand D-058 at Interzum or www.sg-veneers.com

Schorn and Groh's new wood textile, Nuo, bends in three dimensions and will make its début at Interzum.





Marmol Hades Ambiente



New from Finsa



Cemento Teide Ambiente

Finsa adds nine brand-new décors to its I2Twenty UK melamine range.

At the request of its clients and after an intensive selection process, Finsa has added nine brand new décors to its I2Twenty UK melamine range. The newest additions include leather effect décors, contemporary textiles and marble or concrete designs.

Designed with makers and creators in mind, Finsa's I2Twenty melamine range is a collection of 32 décors stocked in the UK in a handy 8 x 4ft size (2440x1220mm). The core of the material is wood fibres (MDF) that provide a flat, smooth surface that offers high density and stability and makes it excellent for processing.

Since launching the collection in 2020, the popularity of the range has been outstanding. It has become the go-to product for many joinery companies in the country.

Among the newest additions you will find Espiga Pimienta and Canvas Greige – two new textile décors to accompany the

popular Lino Cancun. For all those industrial style interiors, the Cemento concrete décor will be a perfect choice, or you can keep it more elegant with the Marmol Hades marble effect.

The demand for natural textured materials is increasing and Finsa has opted for a rich, dark Textil Cuero and a light Gris Coco combined with its Nude leather texture. These are heavily textured surfaces that can be used in combination with one of the new Finsa woodgrains, like white Roble Virginia, medium Roble Denver, or dark Roble Eternity.

The new décors are available in the UK across a large network of Finsa stockists. Get in touch with Finsa to receive your swatch and a copy of their inspirational guide by calling Finsa UK on 0151 651 2400 or emailing salesuk@finsa.com. Visitors to Interzum will find the Finsa stand in hall 5.2, stands F010 and G019.

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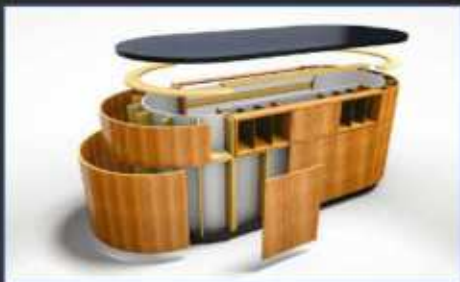
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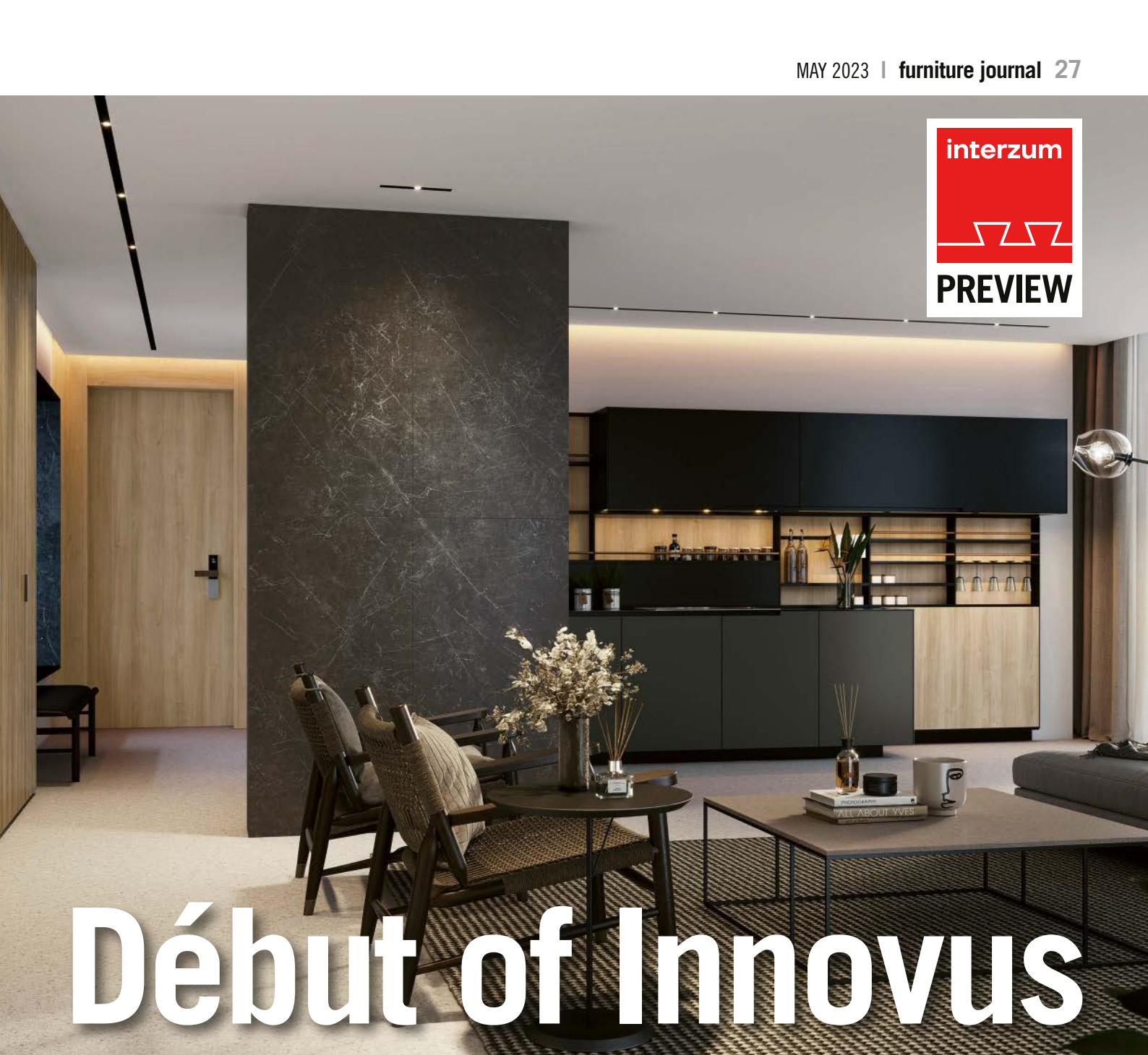
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interzum

PREVIEW



Début of Innovus

Sonae Arauco will be bringing something special to this year's edition: the official launch of the new Innovus Collection – Matching our nature.

This new collection, which includes more than 200 décors and five finishes, will see the addition of around 40 new décor designs at Interzum. Included will be natural woods such as Karlstad Oak, fantasies like the textile Canasta and the stone décor Fossil Brown. In combination with Innovus premium textures, they create an impressive authenticity.

Soft Clean, a new surface texture with a fine grain structure and improved gloss level will also be launched at Interzum. The texture with a soft feel combines a modern, rather matt appearance with the durability and properties that demanding applications require.

Innovus returns to our roots with the new collection, demonstrating the importance of authentic and sustainable designs that convey a sense of well-being. The aim of this streamlined collection is to enable a de-stressed lifestyle in which harmony and aesthetics are enhanced through tactile experiences.

All décors are available in decorative panels and in laminates. With antibacterial properties, they are easy to clean and maintain, resulting in a versatile collection that can be used across a variety of projects, especially in residential, public and commercial areas.

Sonae Arauco will present the new Innovus Collection at Interzum in hall 1.2, stand B040/C041. For more information visit www.sonaearauco.com/en/

Sonae Arauco is set to launch a new décor collection and a new surface texture at Interzum.





Furniture for lifestyles

Blum will use Interzum 2023 as an opportunity to showcase furniture applications with high-quality fittings.

With a combination of convenience, functionality and the highest level of design, fittings manufacturer Blum will be using Interzum 2023 as an opportunity to showcase furniture applications with high-quality fittings. The in-house service portfolio, the path to climate neutrality and top-secret concept studies will also be on display on the Blum stand.

Working under the motto “for everyone”, the fittings manufacturer will be presenting new and current products for first-time buyers, families or individuals and covering an array of homes, design styles and target groups.

Services related to the Blum product range, insights into activities, targets related to sustainability and even more can be explored in other areas of the stand, with cabinet makers and distributors at the heart of the appearance.

In particular, visitors should look out for the new Onyx Black hinge. Created to complement the trend for darker furniture Onyx Black will enhance and elevate any cabinetry both inside and out. The new Onyx Black finish discreetly complements kitchen units while still creating visual impact, albeit in a sophisticated and subtle way. This sleek new finish is available on all Blum’s standard hinges as well as profile/thick door hinges and blind corner hinges.

In discussion with customers from the furniture industry, one central question will be asked on the Interzum stand: *How can the furniture industry work together to create sustainable, smart and pioneering solutions for the homes of tomorrow?* If you’d like to find out, drop by the Blum stand in hall 7.1, stand A020/C021 from 9th-12th May.

For more information, visit online at www.blum.com/interzum





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HALL 10.2 STAND G039

interzum

PREVIEW

OPK's Rotary début

If you are in the market for sliding door solutions, OPK Europe GmbH is a name to look out for at the Interzum trade fair in Cologne.

Among many sliding door products that will be shown on the OPK stand, the brand new OPK Rotary will make its début at Interzum 2023. A pivot and slide-in fitting, it can be used to create space-saving furniture with elegantly concealed doors. When opened, the doors are pushed at a 90-degree angle into a parking pocket in the furniture, where they almost completely disappear. This makes the entire interior of the furniture accessible – an indispensable feature for kitchen units or large screens.

The OPK Rotary can move doors with a width of 420-600mm and a thickness of 18-25mm. Each individual door may weigh between 15 and 35 kilograms, which makes it universally applicable.

The fitting is mounted in the parking pocket – a feature that is planned for at the carcass design stage. It has an integrated

height adjustment (plus/minus 3mm), which makes installation particularly easy. The excellent running and cushioning properties (with integrated two-sided cushioning) ensure a pleasant user experience and a quality feel, perfect for high end furniture installations.

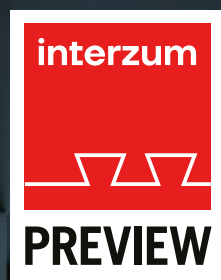
"The OPK Rotary underlines our high quality standards," says Managing Director Michael Müller. "We can justifiably be a little proud that we can present our customers with such a well-thought-out sliding door fitting at such an attractive price."

OPK Europe will show at Interzum in hall 10.2, stand G039 F038 from 9th-12th May, and on the stand will be a number of products that are being presented for the first time. The highlight of the stand, the OPK Rotary, will be presented in three different applications for the kitchen, the home office and the living area.

For more information, visit the stand or the website www.opkeurope.com or call 49 7451 622640.

The sliding door solutions specialist **OPK** will show its latest fitting for the kitchen, the home office and the living area.





Titus: improving competitiveness

The focus for Titus at this year's Interzum will be on demonstrating how its component solutions can improve your competitiveness.

Among the developments that visitors to the Titus stand will be able to see at Interzum in hall 10.2, stand H069 are unique 3way snap-on mounting T-type hinges, QuickFit TL5 reliable dowel connectors and effortless-touch Tekform Slimline Tacto drawers.

T-type hinges are suitable for use on a wide range of doors with thicknesses up to 34mm. Their unique 3way snap-on mounting system makes them exceptionally easy to install, even on large heavy doors with multiple hinges. The range has recently been extended to include pie-cut (bi-fold) hinges for corner cabinets, which fit standard drilling patterns and feature convenient 'double lock' opening.

Quickfit TL5 'Full Metal Jacket' dowel connectors have been designed with strength and performance in mind. They deliver reliable connections in all common wood-based materials, including MDF, chipboard and solid wood, without the need for additional wooden dowels. Thanks to its unique expandable steel sleeve, the Quickfit TL5 is believed to be the only dowel on the market that reliably engages in a 5mm dowel hole.

Tekform Slimline Tacto drawers incorporate runners with an integrated Tacto activator that ensures effortless touch opening. The new drawers are the most recent development in the popular Tekform Slimline range of thin-wall drawers and they use the same drilling and fixing positions as previous versions. This makes it easy to update and enhance existing designs to offer convenient and reliable opening of drawers with handleless fronts.

"At Titus, our aim is always to offer innovative and practical solutions that will give our customers the maximum possible competitive advantage," said Phil Beddoe, UK Sales Director UK. "And I believe that the products on show at Interzum will confirm that we are successfully meeting this aim. We're looking forward to seeing new and existing customers at the show to discuss our new developments and their potential applications and benefits."

Contact Titus UK on 01977 682582, visit www.titusplus.com/int/en or if you are at Interzum, head for the Titus stand in hall 10.2, stand H069.



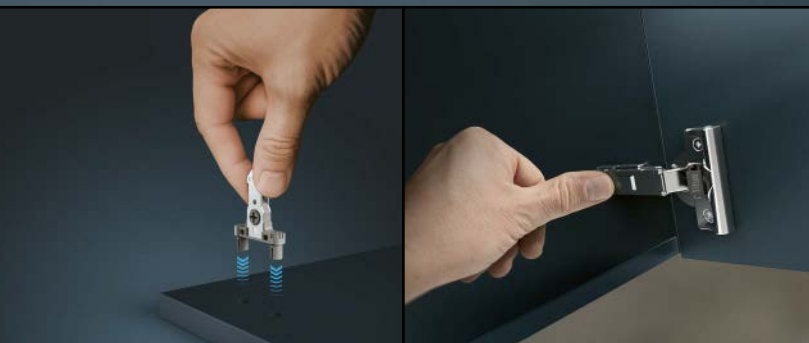


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 LIGNA
PREVIEW



Ligna preview

Expect to see enhanced digitisation across the board at Ligna 2023 and robotics solutions from all the main machinery specialists.

Ligna 2023, the biennial trade fair for woodworking machinery and tools, will open at the exhibition showground in Hanover from 15th-19th May and, say the organisers, you can expect a comprehensive overview of the woodworking and wood processing industry. Global players and renowned companies from all over the world will come together to present tools, machinery and equipment as well as smart solutions and new technologies.

The focus topic for Ligna 2023 will be *Woodworking Transformation*, so expect to see enhanced digitisation across the board, including developments with fully automated robotics solutions from woodworking

machinery specialists and energy recovery solutions that promote sustainability and transform conventional production facilities into *smart plants*.

Among the international exhibitors, more than 250 Italian companies will be showing at this year's Ligna. SCM will present new automated and connected solutions and a production system for highly customised furniture that's even more versatile, scalable, interconnected and sustainable, while Cefla Finishing will demonstrate advanced technology to optimise painting and surface coating. Among many highlights, Biesse will show an integrated system with panel-sizing and nesting solutions connected with SmartConnection internal order management software – and the exhibits will include a new edgebander with batch size one and robotic automatic loading and unloading.

From Germany, highlights will include Homag's digital solutions to expand

efficiency and various service assistants to increase machine availability and save material, energy and waste, while Felder Group will present fully-automated robotics solutions for the first time. Also watch out for AIMI, the new end-to-end software suite from IMA-Schelling Group. Even the artisan sector will not escape a digital makeover with Martin taking full advantage of the tablet in its quest to make working with traditional machines easier, faster and more efficient.

Hand in hand with the growth in digitisation, data security will be high on the agenda in Hanover, with discussions focussed on the need for a robust security strategy to prevent data loss and data leaks.

Ligna 2023 will take place from 15th-19th May. Readers with the free Furniture Journal app can buy tickets here: www.ligna.de/en/application/ticket-shop/products and find exhibitors here: www.ligna.de/en/expo/exhibitor-index/?letter=s



Innovations

With an area of more than 3,000m², there will be plenty to see on the **SCM Group stands at Ligna 2023** – and here are some of the highlights.



I'm sure many of you will remember SCM Group's presentation of its Smart & Human Factory at Ligna 2019. Since it first wowed the crowds with automation, the Smart & Human Factory has developed and grown in terms of what it can offer. We asked Pietro Gheller, Director of Products and Markets at SCM's Wood Division, to talk us through the most recent changes to the Smart & Human Factory and other key highlights that will be at Ligna 2023.

"SCM will present new automated and connected solutions and a production system for highly customised pieces of furniture, which has been designed to be even more versatile, scalable, interconnected and sustainable," he told Furniture Journal. "This is made possible by an ecosystem of enabling technologies that SCM has continued to develop and integrate into its machining

systems in recent years – such as robotics, Internet of Things, wideband transmission, Cloud, etc. The aim is to move towards a 'lights-out' factory; an autonomous factory in which the most repetitive and lowest value operations are performed automatically without human intervention and the production processes are managed and coordinated by control intelligence, optimising the use of resources.

"The process starts in the office, where customer orders are imported and orders to be produced are planned using MES software. This allows work to be distributed across the machines, optimising production complexity according to order variance and maximising plant capacity.

"The process continues in the new sizing, edgbanding and drilling cells, which are automated with articulated robots to



The new Gabbiani GT2 flexible cell with articulated robot.



Stefani cell E combines the productivity and machining quality of the Stefani X industrial edgebander with the flexibility and automation of a production loop.

from SCM

guarantee quality, repeatability and certain process times. The cells are also connected by AMR shuttles that represent an evolution of traditional AGVs because they can move safely in space and between people thanks to 3D camera technology and laser systems capable of scanning the surrounding environment at 360 degrees. These AMR shuttles simplify the management and spaces of traditional logistics, usually made up of roller conveyors and large intermediate warehouses. We are therefore proposing a new model of logistics that can be easily adapted – just in time and just in sequence.

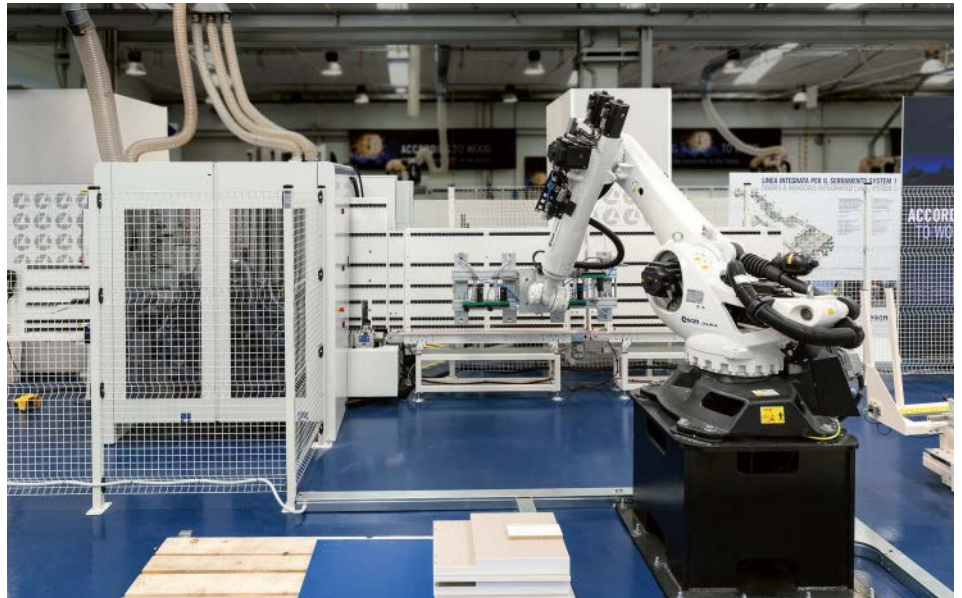
“Our new Smart & Human Factory is also an interconnected system; integrated at the IT flow level, which allows the operator to monitor in real time both the progress of the orders launched and the status of the machines in order to understand how they

are being used and to be able to schedule and anticipate any maintenance needs based on the actual use of the technologies. Data and information on the production process are available at each stage and at any time – order, design, planning, up to after sales.

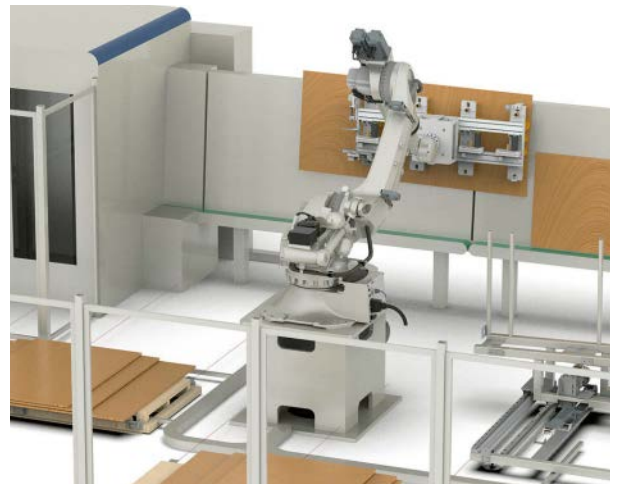
“It is a vertically-integrated factory thanks to communication via standard protocols. It is also a versatile production system because the machines are able to handle all variants of a product type with fast setup. Furthermore, the modularity of the cell system and flexible logistics mean the system is easily reconfigurable and scalable according to requirements, so a single production system can manage different furniture environments where resources are shared by a central warehouse. Finally, a more efficient use of the resources entering the system and the reduction of waste make it more sustainable.



Pietro Gheller



The Morbidelli line-up will include a flexible CX220 drilling and dowelling cell with robot.



“The Smart & Human factory at Ligna 2023, conceived as an integrated system of machines, software and services, will be even more customer-centred thanks to interactive software demos designed around the different profiles of our clients. Each visitor will be able to recognise himself in them and will be able to see the software solutions and information flows of types of companies that work like him. Moreover, these innovations are part of an even more ambitious road map that envisages arriving in the medium to long term at a production system capable of autonomously and dynamically self-adapting according to the customer's actual use. All this will be possible thanks to progress in the field of artificial intelligence – AI and Machine Learning – which will allow us to collect an almost infinite amount of data and information capable of 'training' the system towards an increasingly efficient and sustainable use.”

So, what are the other key highlights to look for at Ligna 2023?

“First of all, we will have an exhibition area of over 3000 square metres if we also

consider the Superfici Booth in Hall 16 and that of Randek, our business partner in the timber construction sector, which will be right next to SCM in Hall 13.

“In addition to the Smart & Human Factory, which will be presented in two separate versions for industry and small businesses, we will be presenting technological innovations for the entire woodworking sector – panel, solid wood, timber construction and joinery.”

For panel processing, there will be new sizing, edgebanding and drilling cells on show within the Smart & Human Factory. The new Gabbiani GT2 flexible cell with articulated robot for automatic loading and unloading has been designed to optimise shifts and combine batch-size-one machining needs with those of large-volume production. The cell is enhanced by the new Maestro Optiwise optimiser, and has been designed for manned or unmanned use, allowing for immediate and automatic switching between one mode and another.

In the edgebanding area, SCM will present a Stefani cell E (a flexible cell) that

combines the productivity and machining quality of the Stefani X industrial edgebander with the flexibility and automation of a production loop. The cell will be controlled by Maestro Active Edge HMI software and will demonstrate a production speed of 25 metres/min. This is possible even with AirFusion+ technology. You will also find the new Olympic 500, which Furniture Journal reported on in March 2023, and the Stefani SBX squaring edgebanding for large-scale industry, featured in our November 2022 edition.

The Accord 500 CNC for solid wood machining will make its début at Ligna. The Morbidelli line-up will include an X200 nesting machining centre with a new in-cab labeller and a flexible CX220 drilling and dowelling cell with robot. The cell is capable of processing more than 400 panels per shift with a single operator and occupies just 50 square metres.

“We will also be demonstrating the new Flexdrive worktable available on Morbidelli M100 CNC machining centres for routing and drilling, which eliminates

Hypsos, a CNC machining centre with integrated cabin.



DMC System automatic sanding-calibrating machine.



Superfici Compact XL and Superfici's Excimatt excimer technology.

set-up mistakes by using an innovative system based on LED light indicators to show the exact position of the bars and locking systems.”

In the sanding area, a new laser unit will make its début on a DMC System automatic sanding-calibrating machine and there will be new Superfici products for finishing on display in Hall 16, including the Compact XL and a UV LED polymerisation system. The UV LED system is comparable with conventional UV polymerisation, yet provides the advantages of LED. The extra-matte effects of Superfici's Excimatt excimer technology will also be available to see and touch on the Superfici stand.

For large dimension five-axis machining, no shape is too complex for the Hypsos, a CNC machining centre with integrated cabin. There will also be demonstrations on a Celaschi CPM single-sided profiling machine, designed to process cabinet doors elements. Among the advantages are an operating unit made up of an electro-spindle with HSK attachment allied to an automatic eight-position tool store.

For smaller manufacturers, SCM will present an integrated cell for flexible custom production that starts with the raw material and ends with a finished piece of furniture. The cell includes the Class PX 350I circular saw, reinforced by SCM's Thundercut optimiser-cutting sequencer. The Startech CN Plus CNC drilling centre will also be shown along with an ME 40 edgebander, featuring a new rounding unit for high quality finished products without further machining.

Flanking both of SCM's Smart & Human Factory processes, visitors will find integrated software, MES and digital services on display in the Digital Integrated Woodworking Process area. Included will be the 3d Maestro Pro View simulator, SCM's MES software, several cutting optimisers and both Maestro Power TMS for tool management and the new, updated and simpler-to-use Maestro Active. The newly enhanced version of SCM's IoT Maestro Connect platform will also be shown. Now integrated into the Woodworking made Izy project, Maestro Connect provides a standard interface and a common language

for connecting all machines and MES to one another, facilitating control of the entire production process.

Looking beyond Ligna, Pietro Gheller had this to say: “With regards to the possible future developments of our wide range for woodworking, another common driver will be sustainability: technologies that reduce consumption and costs; artificial intelligence systems that simplify processes and make operators' work easier, more reliable, safer; technologies that can cover high variability ranges but minimise set-up times and maintain high production speeds... Our innovations will continue to address both industry and small businesses to which we already dedicate a Smart & Human integrated cell for flexible and customised production – and we will continue to develop innovations for each application area in panel processing, solid wood, timber construction and joinery.”

For more information, head over to Ligna in Hanover between 15th and 19th May and visit halls 13 and 16 (Superfici). Alternatively, call SCM Group UK on 0115 977 0044.



The Freud difference

Carbide manufactured in house, shields on its blades and special geometries make the Freud stand a must-see at Ligna 2023.

The cutting tool specialist, Freud, will present its latest novelties at Ligna in hall 11, stand D32 from the 15th-19th May. Included in the presentation will be a wide range of circular saw blades, routing tools, cutter heads, window and door systems, knives and accessories.

The Italian company has always placed innovation at the core of its values. Since 1962, Freud has invested massively in research and development and offers furniture makers an unrivalled range of top-

performing precision cutting tools. Designed to satisfy the needs of users looking for solutions to produce more, for longer, with higher precision, with reduced energy consumption and minimal material waste, Freud technology is designed to deliver aesthetically high results.

Quality is key to Freud, starting from the carbide, produced in-house since 1980 and used for the cutting edges of all its premium tools. From small beginnings with a couple of standard formulations, Freud has developed 20 variants, all customised to achieve sharp cutters, prolonged lifetime and perfect finishing in dedicated applications.

Leveraging its industrial know-how, the brand also developed an innovative coating technology. Special 'shields', engineered for blades and routers, are applied to the tool

bodies to protect against the build-up of resin and corrosion, providing a long-lasting performance and reduced machine downtime.

Even the geometries used on the cutting edges of Freud tooling have been engineered to perform perfect cuts and deliver extended durability in industrial applications. In the circular saw blades segment, the LSB X range for panel processing features the Super Square Tooth, a tip with an extra thickness that allows up to 25 re-sharpenings.

To learn more about the latest technologies from Freud, visit hall 11, stand D32 at Ligna or touch here if you are reading this article with the free Furniture Journal app on your smartphone or tablet: www.freudtools.co.uk

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LIGNA

HALL 11 - BOOTH D32

15-19 MAY 2023
HANNOVER - GERMANY

LIGNA

PREVIEW

The key to success

The challenges of the last few years are being turned into positive benefits for IMA-Schelling UK customers.



It's been a tumultuous few years for all of us. First Brexit came along to disrupt supply chains for everybody across the industry and with it came labour shortages the like of which haven't been seen for decades. Then came Covid and all the horror and chaos of a worldwide pandemic. Demand for materials and machines soared just as global raw material famines started to bite. For IMA-Schelling there were additional challenges: a few short years after a takeover that saw the two brands unite, Schelling UK Ltd joined forces with IMA UK Ltd. That was the Spring of 2021 – a year before Russia invaded Ukraine – but no sooner had the two settled down under one roof than the newly-branded IMA-Schelling UK found itself the victim of a cyber attack by the infamous Black Basta Group. It took until the autumn of 2022 to get back on an even keel.

"The hacker attack was on Good Friday, just before the Easter weekend," recalls Markus Freuis, MD of IMA-Schelling UK. "It left us with two or three weeks of proper downtime while we changed all our processes. After years of being a paperless office, we had to revert to a paper office, reintroduce printers and get processes back to where they were ten years ago. That was a real hardship for us and our customers because even though our emails were on a

cloud we lost a lot of data. We didn't know which parts were inward, which had been sent out, who they were for – all the information was lost. It took us until September to regain some normality and get the IT infrastructure back up to speed."

If past adversity is the key to future success, there is no doubt about what's in store for IMA-Schelling UK.

Letting customers down isn't something that sits well with Markus. In fact, for a company that prides itself on supplying reliability as standard, it'll warrant it comes pretty close to being his worst nightmare. At the first opportunity, he and his team set about making sure nothing of the kind could ever happen again.

"We did let some customers down because of spare parts availability," he admits, candidly, "But we have addressed the issues that caused that. We have trebled our stock levels since Brexit. We now hold in excess of half a million pounds-worth of spares. These are regular parts that we need but because Brexit continues to make supply difficult at times, we now keep other parts as well. We have also developed an international exchange that means we can share stock around Europe.

"Because of the war in Ukraine, more stock is being accumulated everywhere and

people are moving away from just-in-time deliveries. Every company is doing the same. It's what life has taught us. We have to prepare and plan for all eventualities much better in order to support our customers, so we needed to increase our stock levels along with the number of technicians we employ. The war in Ukraine has left us all with a reduced workforce to recruit from, so salaries have exploded. But it's a straight choice: accept the increases and look to the future, or risk the consequences."

Back in 2020, Schelling UK had five technicians on the road. That number doubled when IMA UK's technicians joined the newly-formed IMA-Schelling UK team but in the last year, Markus has taken on a further five bringing his team up to 15. "We would like 17 technicians," he admits, "And we will be increasing our spare parts stock holding by another £100,000 to support customers, especially those with larger installations."

When it comes to turning negatives into positives there can be few challenges greater than those Markus and his team found themselves facing when the hackers struck – but the outcome after six months of disruption and long hours digitising paper records is a system that will benefit both IMA-Schelling UK and its customers. Not content with one authentication to log into



everything, they now have a two-type authentication system and a ticketing system. Markus admits it's a rigmarole, "But we are making it hack-proof," he says. "The security side of our IT has never been better. We are more secure now than we have ever been and that makes it better for our customers as well."

Despite the events of the last few years, IMA-Schelling UK is doing well and Markus is upbeat about the future. In addition to IMA edgebanders, CNCs and Schelling beam saws – the core of the business – IMA-Schelling Group also makes saws for cutting plastics, aluminium, brass and copper and Markus confirms it's a side of the business that's seen exceptional growth over the last 12 months. But in a shrewd move to broaden the markets IMA-Schelling UK can access, he's also teamed the company up with strategic partners: along with Untha, whose shredders are selling well into the wood sector, and

Votecs, whose horizontal shredder IMA-Schelling UK supplies, the company also provides Barbaric handling equipment to clients who don't need a Schelling-made three-shifts-a-day-for-the-next-20-years VS system, and Barbaric panel return systems to accompany IMA edgebanders. IMA-Schelling UK also provides Elephant vacuum lifting systems that can handle anything from wood-based panels to glass, granite and plastics, as well as Modesta extraction systems for plastics and Erbo extraction for aluminium.

At the up-coming Ligna exhibition, IMA-Schelling Group is set to unveil next generation technologies, new and more secure gateways for machine diagnosis and a brand new, all-encompassing suite of software that will add to the portfolio of IMA-Schelling UK.

Under the motto Wood Vibes, two business units – Woodworking and Board – will show in separate areas of Ligna.

Highlights from the woodworking side will include Combima's new insertion system as well as a next generation robotic sorting cell, the HLI high-performance unit for cutting and new edge handling systems. Look out for the iMagic LI batch-size-one drilling machine and the FH5 beam saw with robot handling, all in hall 12, stand B50 and D50. Also on show will be AIMI, the new software developed by IMA-Schelling for controlling and networking your entire plant.

An overview of IMA-Schelling Group's technologies for conveying, lifting, sorting and storing boards will be presented by the Board Business Unit in hall 26, stand E46 and the presentation will include cutting, logistics and packaging solutions for wood-fibre boards, plywood and solid wood boards as well as board finishers.

For further information, call IMA-Schelling UK on 01937 586340 or visit their new website at www.imaschelling.com

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LIGNA

PREVIEW



R&J: a hidden gem

Don't want to wait for a new machine? Want a better machine at a better price, quicker? R&J Machinery might just have the answer.

A lot of companies will wax lyrical about their USPs, make great claims about the equipment they sell, tell you what incredible levels of service and backup they offer to their customers and enthuse over their extensive spare parts inventory. We've all heard it. Some deliver, some really are good, while others don't come close to their claims. But how many do you know that can put hand on heart and say with absolute honesty, *we have more than 150 new machines in stock and can supply the model and the specification you need within a few days?*

That's quite a USP.

Leicester-based R&J Machinery has set its stall out and fully intends to be the best at what it does. Managing Director, Justin Inman, is rightly proud of the welcoming full-service showroom he's created in Leicester to demonstrate the prestigious brands R&J has represented for decades and he is happy to tell you how his company has earned

such an enviable reputation in the industry over the last 30 years.

R&J may be small – under 20 staff and a total floor space of around 16,500 square feet of showroom, workshop, second-hand machinery showroom and parts warehouse – but it has an impressive portfolio of well-respected brands and it serves them well. It's the sole UK representative for the prestigious German table panel saw manufacturer, Altendorf and its sister company, edgebander specialist Hebrock, as well as the drilling and insertion expert, Koch Technology, and heavy-duty push-feed saw manufacturer, Tigerstop. Along with these front-line brands, R&J also represents Italpress, Osama, EMC sanders, Maggi, Barbaric and the larger Avant machines from Cehisa and at Ligna 2023, Justin is hoping to add a couple more well-known names to the company's portfolio.

He is rightly proud of the brands he holds in high regard and what R&J has done



Justin Inman

to promote and represent them in the UK goes above and beyond anything one might expect of a small company. Take Altendorf sliding table panels saws, for example: “Altendorf has a factory in China,” he explains, “But going back a few years, the Chinese machines were never really offered in the UK market. They were destined for Far Eastern markets. We went to the factory in China and discovered the WA8 and WA6 range of machines they were making were exactly the same as those that were being made in Germany but the cost-saving for the customer was significant. We asked Altendorf if we could supply Chinese-made machines in Europe and they agreed on condition that we took stock, imported the machines ourselves and backed everything up with spares and service. So that’s what we’ve done. That’s why we have so many machines: we bring them over in containers and keep them boxed up until someone places an order, then we supply from stock.

“Customers who come to us for the first time are often under the impression they will have to wait long lead times before they can get the new machine they need. We have machines in stock that are ready to go. That’s a key benefit.

“We have 80 Altendorf saws in Leicester. We must have almost 40 Hebrock edgebanders as well. We sell a lot of machines, so we have to carry a lot of spare parts and we have good relationships with the main players so we can get spares for the second-hand machines we sell easily. We are very serious about what we are doing. If people want a particular machine with a particular spec, we try to have things available with a quick service and that gives us a really competitive edge in the market. We recognise that people in production don’t want to wait, so from us they get a better machine at a better price, quicker.

“If someone wanted a Hebrock edgebander, we keep every model in stock

and three or four in the showroom for demonstration purposes. That’s enough to show practically every feature Hebrock machines offer because one of the key features is just how compact these edgebanders really are.

“There’s normally a Koch demonstration machine in the showroom as well, although it’s difficult to show everything Koch can do because every machine is bespoke and tailored to the job the customer wants to perform. We also have the Tigerstop range we can demonstrate. The Tigerstop product is a fantastic machine, ideal for cutting heavy timber. A Tigerstop can handle timber up to 21 metres in length and 600kg in weight. They are often bought by timber-frame house-builders, or for manufacturing Glulam, ibeams, etc.”

One of the key things people don’t generally know about R&J Machinery is the backup that’s available: “It’s a real strength,” says Justin. “We have a team of eight



engineers and we offer service support and technical backup that's very, very good. We're not a massive company but we cover the key areas and we run efficiently. We have an eye on costs – you have to have – but we have a good, strong team and they are all capable engineers and that helps us to deliver a good service to customers, wherever they are in the UK. Another key advantage is we don't have a high turnover of staff.

"We try to ensure our engineers are able to work on whatever is needed. They all cover the main line products we sell. We do have specialists who know Tigerstop, Hebrock and Altendorf particularly well and have a higher level of training on those specific machines but all our engineers have

a basic grounding and can work on other machines. One of our engineers could be working on a brand-new Hebrock one minute and rebuilding a second-hand machine we've taken in part-exchange the next. We've just taken on another two apprentices – one is out in Holland at the moment on training, and we have guys out to Germany at least once a year."

R&J is a growing company. "We are looking at taking on other manufacturers this year and we'll be going to Ligna to see several potential new suppliers," says Justin. "They see what we've delivered with other brands and like it. There used to be nine dealers who sold Altendorf in the UK. Now there is only R&J, and sales in the UK have

increased dramatically just by taking ownership of it and pushing the brand.

"We operate all over the UK and in Ireland. We supply machines into Europe – mainly second-hand machines – and we supply companies of all sizes from one man bands to PLCs. We have a lot of customers who are high-end interior fit-out companies. That's where the machines are really hitting a niche."

If you are in the market for a new or pre-owned machine and you need it within days rather than months, give R&J a call on 01455 840224, or visit the website at www.rjmachinery.co.uk where you'll find a full list of new and used machines, spares and more.

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LIGNA

PREVIEW

Holz-Her: handling the market

Formwise Washrooms has doubled production, increased workable floorspace and reduced labour costs – all by investing in an automatic storage and stock retrieval system from Holz-Her.



What would you say if I told you that you could double your production capacity whilst increasing workable floor space, reducing labour costs and slashing your carbon footprint? By investing in a Tectra 6120 beam saw and StoreMaster 5110 automatic storage and stock retrieval system from Holz-Her, Wellingborough-based toilet cubicle manufacturer, Formwise Washrooms Ltd did exactly that.

“Our beam saw is at the heart of our production and it feeds our entire factory,” begins Tim Jupp, Technical Director at Formwise Washrooms Ltd. “As a just-in-time toilet cubicle manufacturer, we work almost exclusively with 3.6 x 1.8m solid grade laminate sheets that are up to 20mm thick. Offering hundreds of different colour variations means housing our materials efficiently has always been a

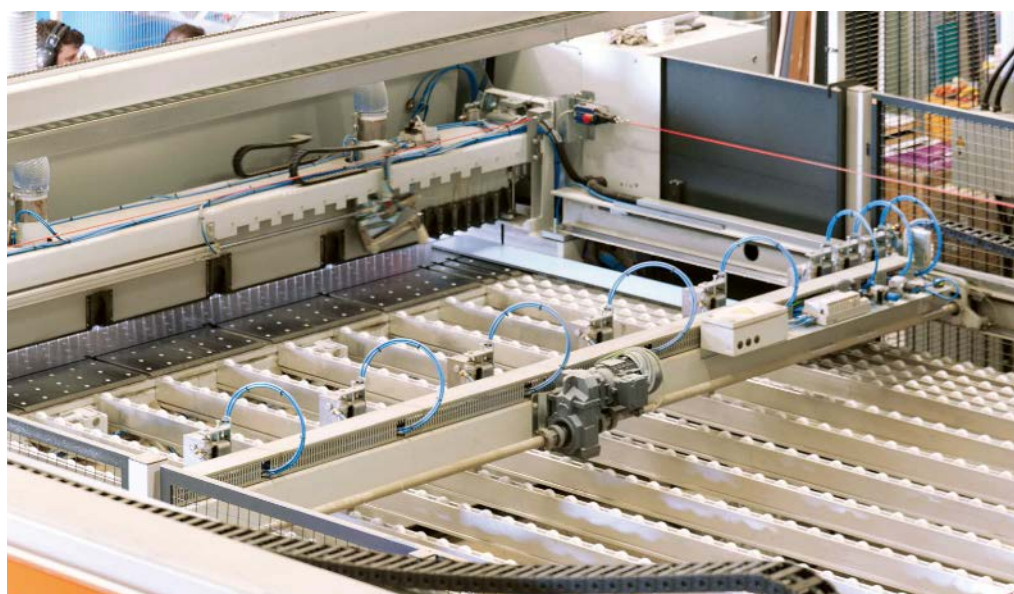
challenge and with production significantly increasing year on year, we needed to find a way of keeping up with demand, whilst maximising our factory’s 17,000sq ft floor space.”

The idea of purchasing a second beam saw to run alongside the company’s existing machine seemed like a logical move for Tim but it soon raised more questions than it answered. “Where would the machine sit? Who would run the machine? And, with our internal racking full and two artic storage containers already being used to store material in our yard, where would we store the extra sheets? On paper, a second beam saw would have increased production but it wouldn’t have solved our space issues or helped us future-proof our manufacturing facilities.”

Following a recommendation, Tim started to explore the benefits of pairing



The StoreMaster panel storage system is suitable for a variety of formats and materials. The panels can be positioned by the manipulator, with stock panels rotated easily up to 90°.



a Holz-Her Tecra beam saw with a StoreMaster 5110 automatic storage and stock retrieval system. Designed to increase the capacity and profitability of your production, the innovative, made-to-order storage solution works by storing sheet material at the back of the beam saw and retrieving the required sheet automatically when required. This allows for a more compact storage area, freeing up floor space and racking whilst also minimising panel handling and simplifying the operation.

"The complete system was made to fit the space we had available to us," explains Tim. "In total, we released 25% of the floorspace in our factory to accommodate the new beam saw and storage facility but in return, we freed up significantly more usable space. The StoreMaster eliminated the need for us to use racking in and

around the factory, or store excess pallets, and we no longer need to use additional storage containers in our yard. The number of pathways inside our factory have also reduced as our forklifts no longer need to keep moving material around the factory floor."

Now, as soon as materials arrive on site, they are automatically positioned behind the saw and the pallets are taken away. "We position up to 12 stacks of two-metre-high board behind the saw and separate them by less than one foot. The storage system knows exactly where everything is and reads each panel by its size and weight. All we have to do is tell it what colour each board is."

Since it has been installed, productivity has doubled and costs have reduced. "A saw will only cut at one speed but we've easily increased our cutting capacity by 50% per

shift. Before, we needed to run double shifts and pay overtime to get orders completed more quickly but we no longer need to worry about a bottleneck in production or wasted operator hours. This is largely due to the fact that the operator is no longer waiting for materials to be positioned next to the saw. Instead, the required panel is automatically selected and loaded in masked time by the system and waits on the infeed belt to ensure the next cutting plan can start almost immediately. A label is then printed after every piece has been cut, allowing each part to be moved easily and tracked throughout the production cycle, reducing errors and losses while speeding up production."

Tim adds, "We only need one operator on the saw. We also don't need to run multiple forklifts or rent additional storage units, which has helped us reduce costs. It's



Tectra 6120 Dynamic with
StoreMaster 5110



Damage to the panels is ruled out due to automatic, computer-controlled transport and an innovative vacuum system.





also helped us maintain high health and safety standards in a busy factory and prevent materials being damaged due to excess handling.”

The introduction of Formwise Washroom’s Tectra beam saw and StoreMaster has also made the manufacturer less reliant on material arriving the day before it needs to be cut, or at a certain time, as storing the panels has been simplified. Tim explains, “We’re still able to run a just-in-time manufacturing business but we now benefit from more flexibility if our customer’s production schedules change, our operators are on annual leave, or there is a delay in our delivery.”

The system’s optimisation software also allows the manufacturer to manage stock more easily. “As well as being able to track individual parts and use a labelling system to help our production cycle run like clockwork, we can also run stock reports to aid our procurement team. It also makes stock checks much quicker.”

“All these factors are positively impacting our business and will help us see a return on investment within four years. Looking ahead, it’s also freed up room for future investment in new machinery and is contributing towards the lowering of our carbon footprint, thanks to fewer deliveries needed per week, the running time of our forklifts and the energy used inside our factory. These activities are helping us and our clients on our journey to become carbon neutral and prove our ongoing commitment to sustainability.”

Tim says, “To fully appreciate the benefits of integrating new technology into your business, you can’t underestimate the long-term benefits it could have on your production. If you look at the now, you will be driven by the upfront cost of the machine and focus on the potential slump in production during the early stages while operators get up to speed but there is so much more to it than that.

“For us, investing in an automatic panel storage system has been about future-

proofing our business and making our products more quickly and efficiently without compromising on quality. Our industry is being affected by a growing skills and labour shortage, as well as rising material costs. The only way to tackle this issue is to invest in the latest technology.

Tim adds, “Holz-Her made the move into automation simple. They got to know our production processes and worked with us to design a system that reflected our requirements. They were easy and straightforward to work with. There was no drawn-out process or technical jargon to get your head around. They proved to be good value for money and they delivered. We would definitely work with them again.”

For more information, visit www.holzher.co.uk, or to see Holz-Her in action at Ligna 2023, visit hall 27, stand D66 where you will find a Zentrex 6215 beam saw and a Dynestic 7532 shown for the first time with a StoreMaster 5110 storage system.

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LIGNA
PREVIEW

Striebig at Ligna

Striebig's Edition 60 will be taking centre stage alongside the very latest digital innovations at Ligna.

A lot can happen in four years and Striebig's product development is no exception. At Ligna 2019, the Swiss vertical panel saw specialist launched its newly-updated Control vertical panel saw and brand new BaseCut and ExpertCut optimisation software. Fast forward to 2023 and Striebig's Edition 60 will be taking centre stage alongside the very latest digital innovations at Ligna.

Designed specifically for single-operator use, the new Edition 60, which is exclusively available in the UK through TM Machinery, centres around an integrated panel-lowering device (PAV) comprising two panel-lowering units that position each panel automatically. This process eliminates the need to turn

the sheet by hand during the cutting process, allowing for a precise and effortless cutting process that requires minimal handling by a single operator. Packed with intelligent features designed to guarantee accuracy, speed and safe, hand-guided workflow, it's a must-see machine at this year's show.

Visitors will also be able to explore the fully automatic Striebig 4D, Control and entry-level Compact. Plus, multiple software options will be demonstrated throughout the five-day show including OptiDivide – Striebig's first retro-fittable software and hardware package – and the latest additions to Striebig's BaseCut and ExpertCut optimisation software.

Daniel Bucher, Striebig's CEO says, "The last three years have been challenging for everyone but we are thrilled to be back in Hanover this year and we are proud to be showcasing our market-leading range of vertical panel saws at the exhibition. We

work with foresight and continuously improve the benefits of our technology. That's why we want to offer our visitors compelling live experiences on a range of applications using various composite panel materials, aluminium and plastic. Seeing is believing when it comes to our saws' unrivalled build quality and precision. You can find us in Hall 12, stand B40."

For more information visit www.tmmachinery.co.uk





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If one of the reasons you are visiting Ligna this year is to hunt out the very latest technology to optimise your workflow, then CAD+T's fully integrated software solutions should be high on your priority list.

Visitors to the software specialist's newly-designed 84 square metre stand will be taken on a journey through CAD+T's complete module-based software offer. The flexible software has been designed with customisation at its core and isn't limited to mainstream furniture manufacturing. This means it can accommodate a step-by-step implementation process, or a full end-to-end solution that is designed to optimise output and increase efficiencies, elevating your entire production cycle. And the best part: it's all done through a single source. What's more, because of its highly adaptable modular structure, each software package is completely unique to your production needs – both today and in the future.

With interactive software demonstrations held throughout the five-day event, you will be able to see the very latest cloud-based configurator tools, web-solutions and EOS product family as well as exploring the newly-launched RFID automated parts tracking system.

Martina Schwarz, CEO of CAD+T says: "As an international company, Ligna offers us an opportunity to demonstrate our innovative software solutions to a wealth of visitors from all over the world. This year we will début our cutting-edge online and cloud-based software options and present our full software portfolio, so we have every base in your manufacturing cycle covered. We know that seeing is believing, which is why we would like to welcome you to our stand at Ligna to explore the benefits for yourself."

Visit CAD+T at Ligna from the 15th-19th May 2023 in hall 15, stand F66. For more information visit www.cadt-solutions.com

CAD+T

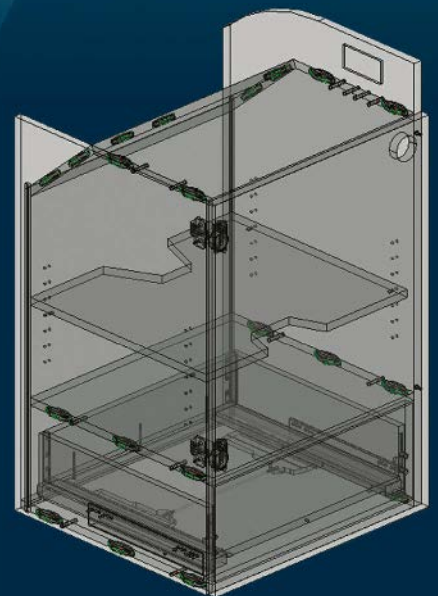
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LIGNA

PREVIEW

Talking Technical

Meet Lorenzo Ricciardi. Articulate, talented, fluent in English, Russian and Italian and schooled to a high level in the intricate details of drilling, sizing and sanding machines, Lorenzo is the new Technical Application Engineer responsible for drilling, sizing and sanding products at Biesse UK - and he brings a lot to the party.

One of a new breed of home-grown maestri at Biesse, Lorenzo's role is essentially that of a technical consultant who supports the commercial team on the front line with additional technical information but one who is also there to support you with in-depth knowledge and

guidance to ensure you invest in precisely the right solution for the tasks you want to perform now and well into the future.

Trained intensively for eight hours a day over an 18-month period at Biesse in Italy, there isn't much Lorenzo doesn't know about the USPs of Biesse's drilling, sizing and sanding machines, or those of its competitors. But you won't find any hint of superciliousness in his approach – quite the opposite, in fact: quietly spoken and thoughtful, he gives considered answers that inspire confidence. He has his customers' best interests at heart and it's clear he wants to make a real difference.

Lorenzo Ricciardi joins the Biesse UK team as a Technical Application Engineer with responsibility for drilling, sizing and sanding.



Brema Eko 2.2

"There are so many options on the market that we need to make sure we are meeting the needs of our customers exactly," he says. "Technology is always moving forward so it's easy to make a mistake. When we take an order, we need to be certain we have done everything possible to ensure our customers are investing in the right machine for the job and we have done everything possible to help them consider every aspect of the application. Choosing the right machine is often a complex process but it is my job to help the customer reach the right decision and find the best solution for his factory."

"Some customers are very fixed on what they want, they have done their research and they go and buy a machine that works well for them. Others choose a machine that's right for them now but within a year they find they need to do something they didn't expect they would need to do. If we can have a conversation before they make their decision, the decision may change once they are aware of local or wider European trends, or any new materials that might be coming out. Sometimes we can even open their minds to other products that could help them develop and extend their own offer. We can help people on many different

levels. We know the machines that will work for them in the medium term but we also know about new developments that may work better, or enable them to adapt to future needs more easily."

"If a customer has a drilling need, for example, we need to understand whether he is only drilling or whether his needs are wider. It is important to establish the real need because once we know this, we can present options. We are always ready to demonstrate our machines to customers and provide technical comparisons with those of our competitors. I am constantly updating our shared knowledge as new machines come onto the market."

"We like to show the machine working, either as a general demo in the Tech Centre, where we can demonstrate generic features and compare it with other machines that will also do the process, or by making some of the products the customer wants to produce so they can see the quality. We usually ask for panels and programs and any special requirements, such as a problem the customer wants to overcome."

"For example, there was a customer recently who wanted to do hinge drilling. He was using a pod and rail machine with some manual drilling as well but he wanted

to save time and improve the process. However, the product was supermatt and he was worried that a vertical drilling machine may scratch the finish. We took some of his panels and drilled them on an Eco 2.2. It wasn't the machine he thought he needed but he was so impressed with the result that he signed the order."

"When a customer sees a better way to produce his own product, they will often move to a different machine. That's really where my knowledge helps: although it's very specific, I can provide a wider view, offer comparisons between Biesse machines and those of our competitors and help to ensure every option has been considered before the customer invests."

"We don't always have the exact machine a customer wants to see in our Tech Centre, so what we aim to do is show general features in Daventry and provide customers with the time to look at similar machines, or discuss with our software specialists what they want to achieve. Then we would usually arrange to take them to a factory where there is a machine of the specification they want so they can discuss everything with an actual user. If it's a really technical machine that we don't have in the UK yet, or it's a machine that has a new set



Selco WN2

of features, we are always open to bringing customers to see other customers in Italy or around Europe.”

It's not just during the decision-making process that Lorenzo's knowledge is useful to Biesse customers. In the last few months, he's worked with a company that bought a sanding machine for working wood-based panels but six months after it was commissioned, they needed to switch production to solid surfacing materials. “The machine they bought was not designed to process Corian but with some adaptations you can do it,” he says. “We asked them to send materials here and we tested them and sent them the result. Some things can't be retrofitted – like sanders with certain specs on the units – but you can adjust them, so we wanted to try this before suggesting they may need a calibration machine as well.” Lorenzo's client had a machine that was producing a higher gloss finish than required and even after adjustment of the units the material couldn't be finished as they would have liked but liaising with HQ in Italy, he found a solution that worked for them. “It's easy for me to get answers quickly,” he says.

Unfortunately, at the time of our interview Lorenzo didn't know whether

he would be at Ligna but he was able to give me a brief overview of the stand focus and some of the machines and software packages that will be available for you to see.

“A lot of the show will be focussed on automation,” he says. “Our most recent focus has not been on developing new machines for Ligna. We want to show our solutions for automation and efficiency. Because of this, our automation-focussed Systems division will take priority. However, we know there will be customers interested in stand-alone machines as well, so we will be catering for them, too.”

For sizing, the Biesse Ligna stand will include a WN6 plus Rover B FT with ROS and Winstore – an automated cutting and machining cell. There will be a batch-one edging line with a Stream B MDS 3.0 edgebander with a robot, a sorter and a buffer, along with a Stream A edgebander working in tandem with a Winner W4 for automatic management of panels.

Separate machines will include a Rover A15/18 CNC machining centre with a Synchro automatic loading and unloading device – and a really high level, flexible Brema Vector 15 INS for drilling and inserting that will put hinges in the panel

automatically. For finishing, the Opera 5 and Opera 7 sanders will both be on the stand.

The software you can expect to see demonstrated at Ligna will include Smartconnection for planning and control, bSolid for CAD/CAM, and IX by IMOS. The optimising software will include bOpti for Selco saws and bNest, and, of course, SOPHIA, Biesse's IoT and parts platform. You'll find them all at Ligna 2023 in Hall 11 between 15th and 19th May.

For more information on Biesse machines, or to discuss a solution to your production problem, call Biesse UK on 01327 300366. You'll find a very interesting video showing recent developments and how technology is evolving on Biesse UK's website at www.biesse.com/uk/wood/#

Lorenzo Ricciardi
with Viet sander



Connect with

A new livery, new machines and a new tablet-based control system will be shown by Martin.



ConnectControl

Martin will present its complete range of sliding table saws, spindle moulders, thicknessers and surface planers at Ligna – and there are several new machines to look out for as well as a new livery. However, perhaps most far-reaching highlight among its newest introductions will be the ConnectControl control system, available for the new T14 and T29 spindle moulders and the two new T66 and T77 sliding table saws.

ConnectControl is an innovative machine control system that not only opens up completely new horizons for the user in machine operation, it also opens up the entire world of modern data exchange.

With many companies and their employees working with tablets, it makes perfect sense to take this development a

step further, so Martin has used the tablet as an extended machine control system. With a tablet, users have access to various extensions of the essential machine operation, which runs on the 7" touch screen permanently installed on the machine. At the same time, the user can access data centrally managed in the company, such as order data.

Every machine equipped with ConnectControl can be operated without a docked tablet as well as without an on-line connection if communication between the machine and the design department, or between the machine and the site are not required. The tablet as the employee's central work device ensures that work processes are perfectly organised even if changes occur that flow into the company from outside.



The new T14



The T45

Martin

Comments Michael Mühldorfer, "Thanks to ConnectControl, companies can now also make full use of the possibilities of digitalisation on the new T66 and T77 sliding table saws. Both sliding table saws are already equipped with infinitely variable speed control as standard, as are the table routers. The cutting height of the T66 is now 155mm with a 450mm saw blade, whereas the T77 reaches up to 205mm. Where a T66 swivels on one side up to +46°, the T77 swivels to 47°. Optionally, a T77 can also swivel on both sides from +47° to -46°.

"At Ligna, we will present the complete range of our company to visitors. In addition to two new spindle moulders, the T14 and T29 (both of which offer all the possibilities of digitalisation thanks to ConnectControl), the combined planer T32, which has been newly added to the range, will also be shown for the first time. This planer will be accompanied by its sisters, the tried-and-tested T45 thickness planer and the T54 surface planer.

For the first time at Ligna, Martin will present a fresh, new livery in modern white. The familiar water blue is now reserved for the area around the logo. For more information, visit Martin in hall 12, stand E30 or see www.martin.info



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2023



CONNECT EVENTS

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18 – 20 APRIL 2023

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12 – 14 SEPTEMBER 2023

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Location: Weinig UK, Abingdon.



CONNECT EVENTS

● EDGEBANDING TECHNOLOGY

7 – 9 FEBRUARY 2023

● FIRE DOOR MANUFACTURING

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17 – 19 OCTOBER 2023



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Double showing

Swiss wood and panel fixings specialist, Lamello, will be showing at both Interzum and Ligna. Taking centre stage on an interactive stand will be the Cabineo 8 M6. The one-piece connector is quick and easy to install into a drilled or routed shape and requires no edge drilling, making it suitable for use on simple three-axis and nesting machines. It also requires no dowel holes, which means fewer drill holes per connector and a high clamping force, so you can wave goodbye to long curing times, the pre-installation of screws and dowels and wobbly joints.

Where this new fitting does differ from its predecessors is its impressive wear-free design. Made to withstand vigorous use, it can be connected directly into a range of hard materials that have been pre-drilled to accept the M6 Cabineo. What's more, where the thread hole cannot be cut directly into the substrate, the new fixing can be partnered with a steel insert for an even stronger joint. This is an ideal option for those creating detachable corner and dividing panel joints with a heavy load. Its hardy design also makes the insert an ideal solution for anyone looking to assemble and

reassemble products multiple times without compromising on the product's strength – and with two insert nuts available to work with 14-16mm and 17-25mm thick materials, the new Cabineo 8 M6 brings a wealth of design opportunities to the table.

Visitors will also be able to see Lamello's extended P-System fixing range in action and, by working alongside its long-standing CNC partners, Lamello's CNC connector range will also be demonstrated on multiple machinery stands at Ligna.

Lamello UK's Shaye Chatfield says, "Lamello's product offering is synonymous with quality, innovation and excellent functionality and is used across the globe. With an established international sales network consisting of four subsidiaries, distributors in 50 countries and more than 400 sales partners worldwide, we're excited to showcase our diverse product range at two leading European fairs and demonstrate just how flexible our fixings are. We look forward to seeing you there."

Visit Interzum, hall 7.1, stand C-050/D-051 or Ligna, hall 13, stand B22. For stand and hall information, follow this link:

www.lamello.com/service/trade-shows/

Lamello will be showing at both Interzum and Ligna and taking centre stage on an interactive stand will be the Cabineo 8 M6.





Under wraps

Ligna 2023 will see Kleiberit launch a greener cross-linking adhesive range that provides all the benefits of Micro Emissions PUR and more.



Bradly Larkan

It's quite incredible how quickly the needs of the furniture manufacturing market are changing – and how quickly manufacturers of staple products like boards, edgings, décors, materials and even hardware products have been responding to the changes. The sustainability theme is really taking hold. One company that's pushing ahead with sustainable products and has even adopted sustainability as the theme of its Ligna stand is the German adhesive specialist, Kleiberit.

Not so very long ago, we were bringing you news of a brand-new range of cross-linking Micro Emissions polyurethane adhesives from Kleiberit that addressed the risk factors associated with using products containing isocyanates in factory environments. "Micro Emissions products reduce the risks to employees considerably because there's less than 0.1% isocyanate monomer in our Micro-Emissions adhesive range," Kleiberit's General Manager UK, Ireland and South Africa and Vice President of North America, Bradley Larkan told Furniture Journal. "But at Ligna, we will unveil a brand-new PUR product range that will provide even greater advantages, improve the carbon footprint and meet all the sustainability requirements of furniture manufacturers as well as providing the benefits associated with Micro Emissions adhesives."

Until recently, all polyurethane adhesives have been based on petro-chemicals. The latest formulations take some of the raw materials but replace core petro-chemical ingredients with sustainable bio-based raw materials, transforming what was a 100% petro-chemical formulation into a much more environmentally-friendly product.

Under wraps until Ligna, Kleiberit's latest development is a bio-based formulation that provides all the benefits you would expect of a cross-linking PUR and much more besides. Designed to provide reliable bonding and perform just like standard formulations of PUR in hot or steamy environments, the new formulation includes a range of products for edgebanding, flat lamination and profile wrapping – all the standard woodworking applications.

"The bio-based formulation is a greener product that provides all the benefits of our Micro Emissions PUR," explained Bradley. "The combined benefits result in a healthier, safer environment but, importantly for today's markets, they help manufacturers to offer a greener product to a wider market that wants sustainable materials."

The new bio-based formulation, which will be launched at Ligna on stand D14 in hall 15, will be available in all standard pack sizes up to IBC. Information will be available from Kleiberit UK on 01530 836699. For more information on Kleiberit adhesives, visit www.kleiberit.com/en/adhesives/



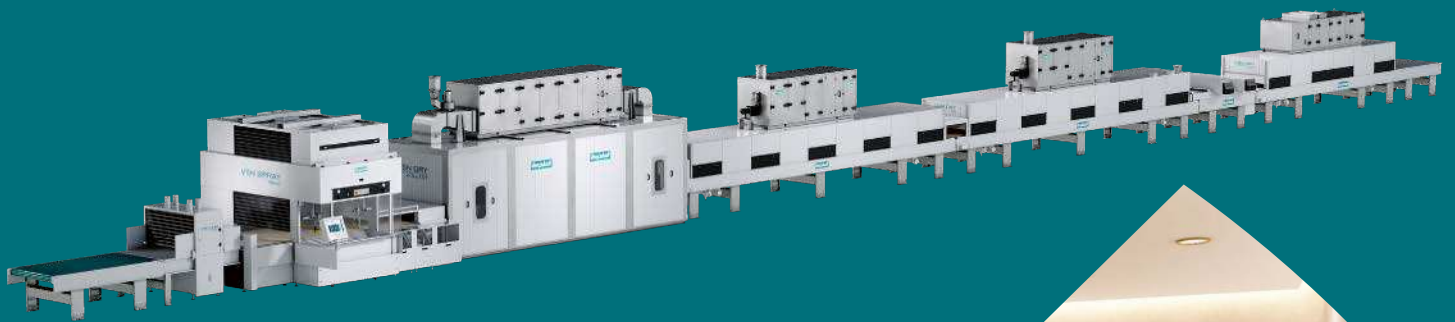
The new bio-based formulation will be available in all standard pack sizes.

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Hall 16 Booth # C22

venjakob.com





Venjakob: on a roll

Ligna 2023 will see the live demonstrations of Venjakob Maschinenbau's roller coating machines and presentations of its coating solutions for both large-scale manufacturing and smaller workshops.

Well known for its individual coating solutions covering all processes included in a finishing line, Venjakob's aim is provide an opportunity at Ligna for you to see and discuss every aspect of coating from pre-treatment (cleaning, activation and intermediate coating sanding) to coating, automation and drying to exhaust air purification or energy recovery – with everything from a single source.

Increased demand for combined coating processes has seen Venjakob, in cooperation with Wo-Tech, expand its roller coating systems to supplement spray painting, dipping, flow coating, or casting, which are increasingly being provided in combination with other application processes, or as an entire finishing line.

At Ligna 2023, Venjakob will demonstrate how profiled workpieces can be coated effectively with a 100% UV material using a special transfer roller in combination with a robust Venjakob machine. Curing takes place

in a UV system, in which Venjakob has combined energy-saving UV-LED technology with a Surround UV module to ensure optimum irradiation of shaped workpieces. The coating is completely cured in the system so the coated workpieces can be stacked and packaged immediately.

As an invisible added value for plant operators, the company will also demonstrate how painting systems can save resources by employing Venjakob's own intelligent control technology and software. The higher-level control system networks all transports, transfers and turners as well as the conveyors integrated in the coating line or in the dryer and also enables recipes to be called up at a central point.

Keen to stress that it isn't just a company with a product offer for larger manufacturers, Venjakob will also show its entry-level model Ven Spray One, a robust, reliable, compact coating system that offers a cost-efficient alternative to a manual spray booth and can be operated by one person. The machine, which is specially designed for craftsmen and small businesses, will also be demonstrated live at the trade show.

Find out more by visiting hall 16, stand C22.

Increased demand for combined coating processes has seen Venjakob, in cooperation with Wo-Tech, expand its roller coating systems.

Venjakob's resource-saving door coating line with integrated air humidification system for highest painting quality and low energy consumption saves up to 93% thermal energy.





Combilift at Ligna

Irish handling specialist
Combilift will unveil new
models at Ligna 2023.



In the four years since the last Ligna, Irish handling specialist Combilift has been busy introducing new models, finessing technology and expanding its global markets even further. Ligna 2023 also coincides with the company's 25th anniversary and visitors will experience an action-packed stand in the heart of the outdoor area.

The company's innovations and new product launches will be the main focus but Combilift also likes to entertain as well as inform, so expect dancing trucks, Irish music and refreshments.

Around 16 exhibits will demonstrate the company has a solution for pretty much every handling and storage scenario that companies in the timber, joinery and

furniture sectors face and these range from pedestrian 1,000kg capacity stackers to straddle carriers and mobile gantries that can lift loads of 100,000kg and over.

The compact counterbalance design Combi-CBE models and the Combi-MR4 with new Dynamic 360°™ steering will draw the crowd with [a dance to demonstrate the manoeuvrability of the trucks](#) as well as the skill of the drivers. Also on show will be the Aisle Master and the Combi-WR4. The majority of the exhibits will be electric – a move that is designed to help you reduce your carbon footprint.

Combilift will show in the Open Air site, stand M61.

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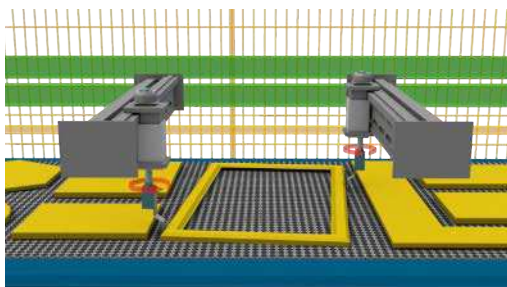


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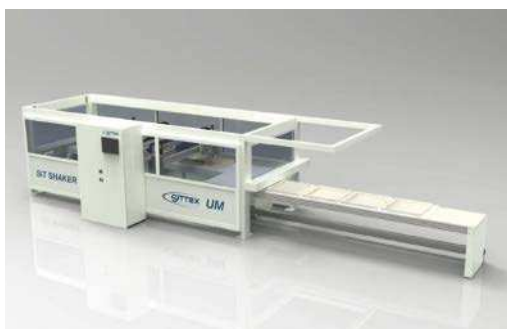
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PREVIEW

Shaper on show

Since Ligna 2019, there has been a lot to discover from Shaper. The biggest launch was probably the Origin-Gen2 and Plate, the universal template for Origin that makes hardware installations particularly easy and repeatable. At Ligna 2023, Shaper will be in Hall 13, stand B15 where there will be demonstrations of the various applications that are possible with the Complete Origin System.

But it's not only the hardware that makes Shaper products unique – it's the software. With the latest software update for Origin, Jenner, you can assign cut depths to individual paths in advance. In addition to this feature, you will also be able to try out the AutoPass extension, which calculates pass depths based on your bit diameter so that Origin's spindle automatically ramps into each pass.

Another highlight for anyone who has no experience with CAD programs is Shaper Studio. With this intuitive design software, you will be able to create your own design

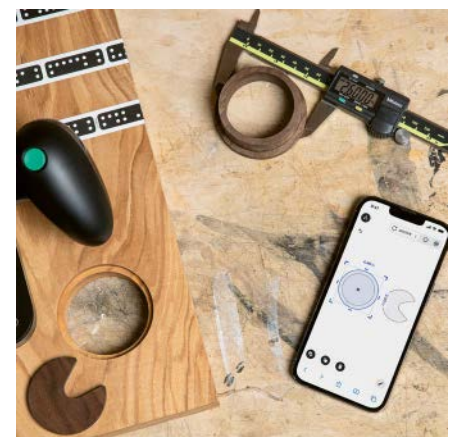
quickly, sync it with Origin and then cut it yourself right away. If you prefer to use ready-made cut files, for example for hardware, there are now over a hundred verified and tested files from top brands available in the online Hardware Catalogue.

Ready-to-mill data for hardware is already available in the online hardware catalogue - From SOSS door hardware to Lamello Cabineos, Häfele connectors, Hettich hinges and many more.

Shaper's latest speciality cutters will also be on display. Suitable for any application and material, Shaper has a wide range of cutters designed to work with Origin. Whether for machining solid wood or plastics, extra-long roughing bits or tools for creating dovetails, T-slots and more, everything will be on show at Ligna.

For more information, visit Hall 13, stand B15 at Ligna 2023, visit online at www.shapertools.com or see Shaper on [Facebook](#) and Instagram [@ShaperTools](#)

Shaper will be demonstrating how easy it is to precision-cut profiles, T-slots and dovetails and create complex designs with ease at Ligna 2023.



LIGNA
PREVIEW

Splinter-free sawing

The new TSV 60 K plunge-cut saw with scoring function from Festool makes its début.

Festool's new plunge-cut saw with scoring function is due to make its début in May and this model, named the TSV 60 K, is the latest in a line of plunge saws that first came to market in the 1980s.

With a 60mm cutting depth, the TSV 60 K produces splinter-free sawing on both sides and it's equipped with integrated KickbackStop to reduce the risk of injury and damage to the workpiece during a kickback. In an industry first, the new model plunge-cut saw also comes with a scoring function.

"We have integrated a scorer into the new TSV – a never-before-seen innovation

for hand-held plunge-cut saws," says Boris Seyfried, Festool Product Manager for Sawing. "We constructed the scorer unit to have track and depth adjustment, which guarantees exact adjustment options and, when combined with the diamond scoring saw blade, long-term perfect cut quality. This is even true for efficient, high-quality panel cutting. You can now precisely cut even large panels without splinters with the new TSV, not just in the workshop but also anywhere on the construction site. With our numerous system accessories, it is like cutting with a stationary machine. It has never been seen before in this form – mobile and simultaneously precise, splinter-free sawing to exact dimensions."

Festool's innovative KickbackStop function doesn't just protect the workpiece, it also minimises the risk of injury. In the event of a kickback, the KickbackStop is triggered and

the saw blade stops immediately. Once the KickbackStop has been triggered, the saw is ready for use straight away without replacements or additional costs.

The new plunge-cut saw can be combined with all Festool's cross-cutting guide rails, making it easy to make reproducible, precise, clean cross cuts even on a small scale. The new TSV 60 K is also equipped with FastFix saw blade replacement and has a viewing window, speed control, exact depth setting with dual indicator and fine adjustment. Equipped with latest-generation brushless EC-TEC motor, it provides a maximum speed of 6800rpm for an effortless feed rate and high cutting quality.

The new TSV 60 K plunge-cut saw with scoring function will be available at specialist traders from May 2023. For more information visit www.festool.co.uk or visit Festool at Ligna, hall 13, stand A18.

Precise sawing to go.

The cordless table saw in Systainer format.



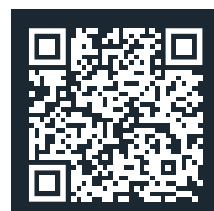
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The new CSC SYS 50 cordless table saw is so compact that it fits into a Systainer. It's just as versatile in use, as it is tremendously convenient in its size. The unique digital operation produces results with maximum precision, down to accuracies within a tenth of a millimetre. The 18-volt dual battery system in combination with the brushless EC-TEC motor will impress you.

Discover our new products:
www.festool.co.uk/products/new-products



SCAN ME



A Class-M act

Makita's new cordless M-Class extractor offers with both wet and dry functionality



Following changes to the guidance on the control of dust from construction activities, Makita has announced the launch of its first battery-powered M-Class approved Dust Extractor. This full sized 40L, cordless solution with both wet and dry functionality (and wireless power-on and power-off Bluetooth communication connectivity for use with Makita's AWS tools) is part of Makita's XGT battery platform – further enabling professionals to achieve a truly cordless jobsite.

The new VC006GM 80VMax (40Vx2) Brushless XGT M-Class Dust Extractor is powered by two 40VMax XGT batteries in series to provide up to 350W of suction power and an airflow comparative to corded models, at an impressive 3.7 cu. m/min. Furthermore, the extractor offers a maximum sealed suction of 18kPa (when operated with the Ø38mm x 2.5m hose) and can be used for both wet and dry

applications – with a 30L and 40L capacity respectively.

The unit features Makita's Auto-start Wireless System (AWS) and once connected, the VC006GM will automatically power on or off when the connected cordless tool starts or stops. The extractor runs for several seconds after the trigger has been released on the connected tool, pulling any remaining material through the hose. Up to 10 AWS tools can be connected to the VC006GM and the machine's dual filters automatically self-clean during operation.

Available as a body only (VC006GMZ01), or complete with two BL4050 5.0Ah batteries and twin charger (VC006GMT21), the 80VMax VC006GM M-Class Dust Extractors come filter bag, floor and corner nozzles, a Ø28mm x 3.5mm hose and Ø38mm x 2.5m hose as standard.

To find out more about Makita and its range of products visit: www.makitauk.com

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