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INDUSTRIAL WOODWORKING & PANEL PROCESSING

NOVEMBER 2023

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INTEGRATION OF AXYZ TAILORED ROUTER SOLUTIONS

ESTABLISHED in Birmingham in 1908, Heaven Dowsett & Co Ltd has proudly upheld its position as the foremost supplier of plastics and electrical insulations to various industries from rail to construction.

This enduring prominence has been maintained through the company's unwavering commitment to providing efficient and tailored services that cater to the unique needs of their valued customers.

In order to remain at the forefront of their field, Heaven Dowsett has consistently invested in training and the latest CNC equipment, allowing it to adapt seamlessly to industry changes. In doing so the company has successfully integrated AXYZ tailored router solutions into its operations.

This case study explores the journey of Heaven Dowsett, detailing the company's adoption of AXYZ machines, the impact on their productivity, efficiency, cost savings, quality improvements, employee perceptions and future plans for automation.

Adoption of AXYZ Tailored Router Solutions

Heaven Dowsett & Co. Ltd has been utilising AXYZ machines for over 10 years, currently owning two machines - the AXYZ 6010 7G ATC and the AXYZ INFINITE 4008 7G ATC.

The INFINITE router is the newer model. It is a highly configurable CNC machine suitable for one-off, small batch production, as well as high volume and high productivity applications, including point of purchase, sign making, woodworking, plastic fabrication, engineering plastic machining and so much more.



The decision to adopt this technology was prompted by the desire to enhance production capabilities and expand the company's range of machinable designs and recognise the need for advanced routing technology to meet the evolving demands of their clients.

'These routers have become an integral part of Heaven Dowsett's advancement in CNC machining and of our production capabilities and offer many advantages,' says managing director, Mark Hamilton.

The AXYZ machines at Heaven Dowsett handle a multitude of tasks and processes. They are utilised for cutting, shaping and machining various materials, including laminated materials, acrylic, polyethylene and polycarbonate for the electrical insulation industry with precision, often achieving tolerances as tight as $\pm 0.15/0.2\text{mm}$.

Impact on Productivity and Efficiency

'The integration of AXYZ machines has significantly improved Heaven Dowsett's productivity and efficiency,' says Mark.

These machines allow the company to produce goods ranging in size from small components to large pieces, such as a range of screening measuring up to 2m x 3m.

Automation features, such as tool changers and material handling systems, have significantly reduced set-up times increased overall production efficiency and have led to cost savings and faster project turnaround times.

This increased production capacity has streamlined workflow and optimised the production output, reducing lead times and enhancing

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NORFOLK FURNITURE MANUFACTURER MAPS OUT A MORE SUSTAINABLE FUTURE

A NORFOLK-based manufacturer and supplier of furniture is generating up to 90 per cent of its energy from renewable sources after securing more than £550,000 in funding from Lloyds Bank and Bank of Scotland.

Warings Furniture manufactures and supplies a range of indoor and outdoor furniture to some of the UK's biggest café and restaurant chains, producing an average of 66,000 items of furniture each year.

Due to increasing demand from customers to reduce their carbon foot-print, the business recently decided to implement new sustainable measures.

The support from Bank of Scotland, part of the Lloyds Banking Group, included £190,000 through its Clean Growth Finance Initiative, which provides discounted lending towards measures that can reduce the environmental impact of a business.

The firm used the funding to install 76 solar panels for its warehouse, producing an average of 12MW of energy/month and equating to 80 per cent of its total energy needs. The installation has to date saved more than 143 tonnes of CO2 emissions.

Warings Furniture used the remains of the full funding package to acquire a biomass boiler, which enables the firm to use waste product from timber to heat its warehouse. This is now the only heat source for the

firm and means that the company has reduced its fossil fuel consumption by 40 per cent.

The manufacturer is planning the construction of a new 20,000ft² warehouse facility in Norfolk, in a bid to further expand its in-house operations.

The move will allow Warings Furniture to unite and expand its joinery, polishing, cutting and upholstery divisions, as well as boost its manufacturing capability by 30 per cent once complete.

'We're absolutely thrilled with the support that we've had from Lloyds Bank to run more sustainably and introduce measures that will help future-proof our business,' says managing director at Warings Furniture, Rachael Waring

'The UK hospitality industry is committed to removing all avoidable emissions across its supply chains by 2040, so it's vital that we provide solutions for our customers to help them operate sustainably.

'The finance we received also allowed us to purchase and install our solar panels incredibly quickly – which ensured that we beat the energy crisis last year and saved a huge amount of money,' she concludes.

*For further information tel Warings Furniture on 01953 499949.
Visit www.waringsfurniture.com*



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INTERNATIONAL TIMBER STRESSES THE IMPORTANCE OF CERTIFIED FIRE RETARDANT TREATED WOOD

AT THIS year's Fire Door Safety Week campaign, International Timber stressed the importance of correctly specifying fire retardant wood and panel products, backed by independent certification.

Specification errors, installation issues and poor maintenance of fire safety products can have devastating consequences.

In order to facilitate change within the building industry and to help meet building codes, fire safety awareness initiatives, such as Fire Door Safety Week from the British Woodworking Federation (BWF) are vitally important.

With awareness comes education when it comes to specifying the correct products to help reduce insurance costs and save lives in case of a fire. This is why we are seeing more and more contractors increasing their use of fire retardant wood for projects.

Timber treated with flame retardant chemical treatments work by reducing its ignitability, slowing down the surface spread of flame and reducing the heat released, which allows more time for escape. Many fire retardant wood products are also tested for durability in high moisture and heat, as well as toxicity and resistance to corrosion.

A great source of information and advice is "Flame Retardant Treatments for Timber – An Overview", issued by the Wood Protection Association (WPA) earlier this year. This document explains how wood products have a "reaction to fire" classification, with an associated Euroclass performance rating.

Untreated wood-based materials typically have Euroclass ratings of D or E, where flame retardant treatment can improve that to Euroclass B or C, as required by the particular specification and end use.

International Timber's MDF and plywood fire rated products are all rated Class B and have been treated by flame retardant

chemicals that have been fully incorporated into the wood using a pressure system rather than a surface coating.

Where fire retardant wood-based panel products are used in a building, it is vital that they provide long-term, predictable fire protection backed by independent certification.

A checklist summarising all the essential factors of an effective and accurate specification is available from the WPA.

International Timber's award-winning cradle-to-cradle fire retardant wood and panel products are 100 per cent biodegradable, non-toxic, pH neutral and come with full fire rated documentation from an independent third-party.

For further information visit www.internationaltimber.com



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Premium class
sliding table saws.

T66

T66 with ConnectControl

With the new MARTIN T66, we have developed a real all-rounder that combines the advantages of the large machines. The machine with a saw blade that can be tilted to one side is the ideal entry into the MARTIN world of sawing and convinces with practical advantages for your everyday work. For example, the T66 offers powerful, continuously adjustable rotational speed control already as standard.

ConnectControl stands for the patented control concept that characterises the latest generation of sliding table saws from MARTIN. With ConnectControl, you get a uniquely designed, highly efficient control concept that not only opens up completely new horizons for machine operation, but also unlocks the entire world of modern data exchange.



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TWO CARPENTERS REACH SCREWFIX TOP TRADESPERSON FINAL AND HAVE THE CHANCE OF WINNING A PRIZE WORTH £20,000

ASTRID Arnold and Brendan Boyle have reached the final of Screwfix Top Tradesperson 2023. Both carpenters will compete against eight other tradespeople from across the UK at the national final, with the aim of winning the coveted title and the ultimate £20,000 trade bundle.

Astrid Arnold and Brendan Boyle will now compete against eight other top tradespeople at the national final to be crowned Screwfix Top Tradesperson 2023.

Astrid, 48, has more than 20 years of experience in the trade and impressed judges during the semi-final stage with a drive and passion which recently saw her launch a range of practical courses on DIY and carpentry skills, specifically for females.

Brendan, 30, has 16 years of experience in the trade and impressed judges during the semi-final stage with his commitment to fostering new talent as it enters the industry, through the apprentices employed at his own business and his work with local colleges.

Screwfix Top Tradesperson attracted more than 1,000 applications this year, with just 10 making the final stage.

In the final Astrid and Brendan will have the chance to highlight their professionalism, dedication and commitment to the trade in front of a panel of industry experts.

The panel includes representatives from the Chartered Institute of Plumbing and Heating Engineering (CIPHE), the National Inspection Council for Electrical Installation Contracting (NICEIC) and Screwfix Top Tradesperson 2022 champion, Toby Peacock.

One tradesperson will be crowned Screwfix Top Tradesperson and receive the ultimate trade bundle of tech, tools and training worth £20,000, whilst earning themselves a spot in the Screwfix Top Tradesperson Hall of Fame.

'I'm really passionate about supporting those entering the industry and would love to use the prize to grow my business and ultimately support more women and younger people to consider a career in the trade. To be crowned Screwfix Top Tradesperson would be a dream come true!' says Astrid, who owns TouchWood South West.

'I'm really proud to have made it to the final of this coveted award. Having worked hard to establish myself and my business, I am now passionate about making sure our industry has the right talent entering it to support its long term success,' says Brendan, who is the co-director of B A Boyle and Son Ltd.

'To be crowned Screwfix Top Tradesperson would really help me to spread the message of how rewarding a career in the trades can be!' he adds.

'At Screwfix, we know how invaluable tradespeople are to both our economy and the local communities in which they work,' says marketing director at Screwfix and judge of the competition, Jack Wallace.

'Our Screwfix Top Tradesperson competition shines a light on inspirational tradespeople who go above and beyond for their customers,



Astrid Arnold owns TouchWood South West and is really passionate about supporting those entering the industry, recently launching a range of practical courses on DIY and carpentry skills, specifically for females.



Brendan Boyle is co-director of B A Boyle and Son Ltd and believes that being crowned Screwfix Top Tradesperson would really help him to spread the message of how rewarding a career in the trades can be.

their colleagues, and the next generation of tradespeople, day in, day out,' adds Mr Wallace.

'The previous winners of the award are truly outstanding professionals, role models and ambassadors for the trade and earned their spot in the Top Tradesperson Hall of Fame.

'I'm looking forward to crowning our 2023 champion in September and wish all the finalists the very best of luck!' concludes Mr Wallace.

For further information visit [screwfix.com/stt](https://www.screwfix.com/stt)

NEXT MONTH

We announce the winner of the 'Screwfix Top Tradesperson 2023'

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HBS 400 DELUX BANDSAW 230V

ART NO: 5900410

- Max cutting depth 305mm
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- Two cutting speeds 460/980 m/min
- Cast iron table & fly-wheels
- Quick bandsaw blade change.
- Bandsaw widths 6-25mm
- Optional mitre gauge included.



SSP £1599.99 INC VAT

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TILT ARBOR SAWBENCH PACKAGE 415V

+ 100mm max depth of cut + outrigger sliding table carriage w telescopic support arm + telescopic sliding length extn + table width & length extensions + 3 kW motor 415v

ART NO: 5900315

- Work table made of grey cast iron for low-vibration work
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- Telescopic stop can be swivelled by 45° on both sides and extendable
- Saw blade height adjustable via handwheel
- Cutting plane directly on the saw blade
- Standard table widening and extension allow easy work with larger workpieces
- Large aluminium parallel stop on round rod guide with fine adjustment



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SSP £2499.99 INC VAT

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ADH 31C

PLANER /THICKNESSER 230V (16 AMP)

+ 3 x HSS planing knives + 2200W motor 230v 16 Amp

ART NO: 5904031

- For angular joining (90 °) and straightforward dressing of solid wood boards, planks and strips
- Simple and precise adjustment of the chip removal in dimensionally accurate thickness planing
- Automatic workpiece feed
- Easily adjustable aluminium dressing fence, tiltable from 90 ° to + 45 °
- Large dimensioned dressing table made of ribbed die-cast aluminium
- Large thick cast iron table with ground surface
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SSP £2299.99 INC VAT

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TF 190 E SPINDLE MOULDER 230V (16 AMP)

+ LED display + selector switch for L or R spindle rotation + triple pressure roller safety device + optional Sliding Table Carriage (not inc) 2800W

ART NO: 5901921

- Milling stop with finely adjustable aluminium stops
- Quick and easy changing of the speed using multiple V-belts
- Speed setting displayed by LED lights
- Large work surface thanks to the torsion-free grey cast iron table
- Selector switch for clockwise/counterclockwise rotation of the milling spindle
- Milling unit made of grey cast iron



Shown with optional sliding table carriage

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ZSM 405 WIDE BELT SANDER 230V

+ floor stand + transport wheels & lifting handles + 2000W motor 230v

ART NO: 5901405

- The ideal cylindrical sanding machine for ambitious DIY enthusiasts
- Continuously adjustable feed speed of 0 - 3.5 m/min for optimum sanding results
- The sanding unit is adjusted quickly and precisely to the workpieces by height adjustment crank and scale
- Standard with connection for suction device



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SSP £999.99 INC VAT

(Normally PLUS VAT. SAVE £200.-)

SURREY-BASED MANUFACTURER IS FIRST TO RECEIVE £1 BILLION SOLAR PANEL FUNDING

RESPIREX, a world leader in personal protective solutions, is the first company to use the brand-new solar panel funding of up to £1 billion from Electron Green.

The installation, started in September, will cut Respirex's electricity grid usage and is projected to save the firm more than £500,000 over 25 years.

Electron Green is installing 238 rooftop solar panels on Respirex's buildings at Redhill in Surrey. These facilities are used to manufacture and maintain gas tight suits; chemical splash suits; chemical, biological, radiological, or nuclear; and other equipment for essential public and private sector industries.

The agreement is that Respirex pays nothing for the installation, or maintenance of the panels.

This means that 89,000kWh will be generated - enough power to supply more than 30 households. Electricity usage from the grid will

be reduced by almost 25 per cent. Carbon savings will amount to 564 tonnes and the cost savings on energy bills will be £10,500.

Over 25 years, the reduction in energy bills means Respirex is likely to save over £500,000.

Leading solar developer, Electron Green, works with businesses to assess their commercial rooftops for solar, calculate cost savings, install and maintain the panels at no cost to the business hosting them and supply low-cost solar electricity.

Electron Green launched the funding to support UK businesses at a time when energy bills are escalating – and UK electricity usage is projected to increase by 56 per cent over the period from 2020 to 2036.

2023 Research by the UCL Energy Institute for CPRE, the countryside charity, showed that retro-fitting solar to non-domestic rooftops in England alone could meet over half the UK's solar target for 2035.



Electron Green free solar installation at the Respirex head office.

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'There is significant, global demand for advanced and specialist PPE – as domestic and international hazards increase in volume and complexity – and we've built a reputation as one of the world's leading providers,' says managing director at Respirex, Mark Simpson.

'Electron Green's solar installation and management provides us with certainty about long-term, future energy expenditure, so we can invest in strategic planning with greater confidence.

'The projected cost savings are also particularly attractive at a time when we – and indeed almost every British business – are facing such challenging conditions,' he adds.

'We are delighted that the first installation from our funding programme of up to £1 billion is with such an impressive, economically valuable business,' says chief executive officer and founder of Electron Green, Daniel Green.

'Respirex enables its clients to manage hazards with more certainty – now we're helping Respirex manage its energy usage with more certainty too.

'Our model gives UK businesses more control over how they manage and pay for power and an easy way to have low-cost green solar electricity.

'Ultimately, net zero targets aren't going away and we will continue to see a fall in fossil fuels and increase in demand for cleaner electricity.

Businesses need the confidence that there is the capacity to match greater demand and flexibility about how they can pay for it. We're here, with our funding programme, to solve this problem,' concludes Mr Green.



Head of finance at Respirex, Gary Chippendale welcomes a free solar panelling system.

For further information visit www.electrongreen.com



Respirex roof with free solar from Electron Green.

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MATERIALS & FINISHES SHOW - AN INTERVIEW WITH EVENT DIRECTOR, DAVID TODD

As anticipation builds for the relaunch of W Exhibition as the Materials & Finishes Show next May, Industrial Woodworking & Panel Processing seeks to find out more in order to inform our readers what it is all about and exactly how the old format has been re-invigorated.

MATERIALS & Finishes event director, David Todd has worked in exhibitions for over 15 years, being actively involved across a variety of different sectors and shaping events which have taken place in recent years around the globe, working as part of a team responsible for staging some of some very high profile events.

'We've got a great team of experts, spanning a range of disciplines, from sales and marketing through to PR and content, all working to ensure a very successful re-launch of the W Exhibition as the Materials & Finishes Show next May,' says David.

'Our vision is very much to build on the success of W Exhibition. We have listened to the market and developed an event which serves the needs of our community both now and in the future.

When the Materials & Finishes Show goes live at the NEC (May 19-22, 2024), all areas of the material journey – from the initial stages of raw processing through to finishing and component supply for completed products – will be represented.

If you are involved in the wood, timber, or stone processing chain and are looking to connect with furniture manufacturers, joiners, carpenters, machinists and installers – the Materials & Finishes Show is the perfect platform for you to connect your brand with the UK market by exhibiting.

The event will attract buyers from every corner of the industry, from furniture and joinery manufacturers and designers right through to retailers, the KBB market, carpenters, joiners, worktop fabricators and stone masons.

Visitors will have the opportunity to see various items of machinery in operation, together with components, materials, technology and services



Materials & Finishes event director, David Todd.



Materials & Finishes commercial manager, Ranju Singh.

for the manufacturing and processing phases of materials, alongside the latest products and developments for finishes.

Mr Todd acknowledges that there has been some time lag between the Materials & Finishes Show and its predecessor and is hopeful that a somewhat different audience will react well to the new-look event.

'There is an abundance of passion, enthusiasm and the genuine appetite that there is for us to continue to deliver an event platform for the sector and I'm excited to be part of bringing Materials & Finishes to market next May,' he says.

'The success of any trade exhibition hinges on the quality of the people in attendance, so this is by far our top priority.

'Building and enhancing our data, partnering with new associations and media partners to ensure we are attracting the right people to do business,' he continues.

'The second most important element is listening to customer feed-back. This is an event for our community and we want the event to be shaped by its customers,' he adds.

With only six months to go before the show opens its doors to the visiting public, how is that vision panning out?

'Luckily for us, we're now in a very stable timeline, with dates secured for Materials & Finishes Show in 2026 after our return next May. This has allowed us to focus our attention on growing the event,' explains Mr Todd.

'We've appointed a new creative agency and digital marketing agency who are working alongside our in-house team. We're already utilising new marketing channels and techniques to ensure that we drive the right visitors to the show.

'Exhibitors and visitors will be being made constantly aware of the

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Materials & Finishes Show campaign on more channels than ever before, from online and in print to on the airwaves, as we activate our campaign with FIX Radio for the first time. We're also working with brand leaders and influencers to ensure that we are plugging all the gaps with our campaign,' says Mr Todd.

'There are so many new and exciting features in development in the background. We've been working really closely with our community to ensure that Materials & Finishes Show really delivers above and beyond expectations next May.

'Alongside new show features, such as the CPD certified learning programme, live demonstration zone and hosted buyer meetings

programme, we are revising the show opening hours to include a new late-night feature on the Tuesday of the show (May 21) This will allow an extra opportunity for out of hours networking. From experience we know this works well for B2B trade shows.

'As far as exhibitors are concerned, we're in a really strong position with a good mix of legacy brands that people will be familiar with from the W Exhibition line-up, as well as a raft of completely new brands who have joined the line-up in recent weeks.

Readers who are interested in the full exhibitor line-up (which is growing on a weekly basis) can keep up to date by visiting the show's website: www.materialsandfinishesshow.com.

Visitors will still be able to see the industry innovation that they expect at the show, but this will be significantly enhanced with a wide materials and finishes offering.

'The KBB market is another key growth area for us. We'll also be growing the fixtures, fittings and hardware section of the show, which will include brands such as our relaunch partner, Hranipex. Brands like these will perfectly complement the machinery and materials brands who are already part of the exhibitor line-up,' says Mr Todd.

Anyone who wishes to enquire about exhibiting at the show can contact David Todd directly (david.todd@montgomerygroup.com), or commercial manager, Ranju Singh (singh@montgomerygroup.com).

For further information visit www.materialsandfinishesshow.com

INTEGRATION OF AXYZ TAILORED ROUTER SOLUTIONS

CONTINUED FROM PAGE 1

overall efficiency, versatility and design capabilities making the company capable of processing a wide range of materials, including wood, plastics, metals and composites thereby adding to Heaven Dowsett ability to increase their industry portfolio.

AXYZ routers provide unmatched precision and accuracy, ensuring that Heaven Dowsett consistently delivers components with tight tolerances, meeting the most stringent industry specifications.

Initial Challenges and Overcoming Them

One of the initial challenges faced during the integration of AXYZ machines was the company's lack of prior experience with CNC routers. Employees needed to learn how to operate the machines and understand their capabilities effectively.

Additionally, cutting a diverse range of materials required learning optimal settings and techniques for each material.

However, with the invaluable support and advice from AXYZ, these challenges were overcome and the processes for improved productivity and efficiency were fine-tuned, with employees quickly becoming proficient in the use of the machines.

Enhanced Cost Savings and Increased Profitability

The use of AXYZ machines has resulted in cost savings. These machines have expanded the range of machinable designs they can produce and have increased the production rate of some of their regular parts. These cost savings have contributed to improved profitability.

The ability to produce high-quality products with precision, consistency and speed using AXYZ machines has raised production standards, resulting in superior products.

Improved Employee Perceptions and Job Satisfaction

The introduction of automation in the workflow at Heaven Dowsett has been well-received by employees. The machines have not only improved the job satisfaction by providing opportunities to work on innovative projects, but have also enhanced skill sets expanding roles, rather than

leading to a reduction in the workforce.

Precision Cutting Services Increased

'The AXYZ routers allow us to offer our extensive range of stock products to be delivered in precise cut-to-size panels or billets, eliminating the need to invest in entire material units,' says Mark.

'This service is especially valuable for machinists and small-scale users, offering a strategic pricing edge over competitors.

'With our efficient processes, you can typically access materials on the next business day and, in some cases, even on the same day. This ensures that you are well-prepared for those occasional urgent situations that inevitably arise,' he explains.

Dependable Maintenance and Support

In order to ensure the smooth operation of AXYZ machines, Heaven Dowsett benefits from the reliable support structure provided by AXYZ and invests in annual service plans offered by AXYZ, with in-house engineers handling minor issues. Regular maintenance and support from the manufacturer keep the machines running efficiently minimising downtime.

Future Plans for Automation with AXYZ

Heaven Dowsett has recently purchased a new AXYZ machine.

'This indicates our commitment to further integrating automation into our processes and reflects our determination to stay at the forefront of manufacturing innovation,' says Mark.

The plan is to continue leveraging this technology to enhance the company's capabilities and expand its market reach.

In conclusion, Heaven Dowsett's journey with AXYZ routers exemplifies how a forward-thinking company can successfully adopt automation technology to improve productivity, product quality and employee satisfaction.

With a strong focus on continuous improvement and expanding their automation capabilities, Heaven Dowsett is well-positioned for future growth in their diverse markets.

For further information on Heaven Dowsett & Co. Ltd tel 0121 360 0345. Visit <http://www.heavendowsett.com>

For further information on AXYZ tel 01952 291600 Visit <https://www.axyz.com> or email enquiries@axyz.com

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ALTENDORF PRESENTS A NEW FACE

THE Altendorf Group has built a firm reputation for itself over more than a century of operation. Most recently, the brand has launched HANDGUARD – a globally unique and AI-controlled safety assistance system with two cameras.

Following on from its successful appearance at this year's LIGNA, head of marketing, Ansgar von Garrel talks about the German company has fared over the past year

'LIGNA was a very good show for us. It was our first opportunity in over four years to present to our global audience of customers, partners and dealers in person, due to COVID,' says Ansgar.

'So many good things have happened within the Altendorf group over the past few years. The company has a very different face to that at the previous LIGNA.

'It was great to be able present the "new" Altendorf Group and to emphasise the "Power of Partnership" and how long-lasting and trustful partnerships can be the foundation for a successful future.

'In terms of visitor numbers, our stand was very busy throughout the entire show, receiving customers from all over the world.

'Every day in Germany alone, there are up to five reportable accidents with sliding table saws. Work safety as a requirement for a sustainable work environment is a big challenge within our industry.

'Altendorf's HAND GUARD system, globally the first and only certified, AI-controlled and camera-based safety assistance system for sliding table saws, makes a valuable contribution to increasing work safety for our customers, from small workshops to large industrial production environments all over the world.

Due to the unique technology, HAND GUARD can even contribute to safer working environments in the processing of aluminium or plastics. The system lays the foundation for Altendorf's efforts to globally increase work safety.



Ansgar von Garrel is head of marketing at Altendorf.

'In addition, we are shipping our new Hebrock edge-banding K- and F-series edge-banders to customers across the world.

'Product quality is what sets Altendorf's products apart from those of our rivals. Everyone who has worked with an Altendorf Group product before can understand and feel the superior build quality of our machines.

'Altendorf has always been at the forefront of bringing innovations to the market that make a difference to our customers.

'Our customers don't only invest in machines; they invest in production safety and availability. Our outstanding global service network ensures the highest support structure to our customers in case there is a problem.

'Our products, such as HAND GUARD, are open to future innovations and developments. Investing in an Altendorf Group product also means that your investment is future-proof. HAND GUARD already uses AI technology that helps to prevent accidents completely.

'We are all about customer-centricity. We are already enabling our customers in Germany to be even closer to us by using the myALTENDORFGROUP App.

'All communication on a new machine purchase, as well as a direct line to our service department, including chat and video support, can already happen with one swipe on your mobile phone.

'We are currently preparing to increase the availability of our app to other regions. The Altendorf Group aims to be the digital enabler for our customers to support them with digital solutions that make their work more efficient and enjoyable.

'Globally, the awareness and need for safer working environments increases and we see a huge potential to help our customers to work more safely and more sustainably,' concludes Ansgar von Garrel.

For further information visit www.altendorfgroup.com



Featured on Altendorf sliding table saws, HANDGUARD is a globally unique and AI-controlled safety assistance system fitted with two cameras.

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UNLEASHING THE POWER OF COLOUR WITH SERICA DESIGNS FROM DECORATIVE PANELS

Decorative Panels introduces new Serica designs

DECORATIVE Panels Lamination has introduced brand-new Serica colour, Alby Blue, to its already extensive dp-specialist range. Bringing energy, freshness and a touch of crispness to the collection, this striking blue exudes a confident elegance. Particularly when used in combination with white, it contributes to a modern, fresh and soothing interior.

Serica is a market-leading third generation super-matt PVC surface with all the latest technologies: silky touch, anti-scratch, anti-fingerprint, and super-matt.

This super-matt PVC surface is extremely robust. Serica is designed to cover all types of furnishings in homes, offices and retail environments. It is an excellent choice for exhibition contractors and specialised projects.

The foil is laminated to both sides of the board, which is not currently available on many other super-matt boards in the market. The on-trend, contemporary colour palette incorporates solid colour right through to the core, so there are no unsightly joint lines.

Encompassing both anti-scratch and thermal healing technology, this super-matt, low-light reflectivity material is also anti-fingerprint and, in the case of micro-scratches, Serica can be easily repaired by simply using an iron, or hair dryer to renovate the surface. Serica's attractive and silky finish gives the surface a real wow effect both to the touch and to the eye.



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Serica is an exceedingly popular super-matt PVC surface. The new Alby Blue colour is in high demand this year. To diversify and enrich its Serica offer, dp-lamination has introduced five more Serica colours to its development collection: Caramel, Sage Green, Rusty Red, Monument Grey and Deep Ocean.

These colours represent a shift from the traditional greys and beiges that have tended to dominate our living spaces. They can be used to create an atmosphere conducive to rest or work, stimulating action, or bring calmness as needed. Lighter shades will optically enlarge the interior, while darker ones can create an extravagant effect.

Those wishing to enliven an interior and emphasise its unique character, or those requiring a relaxing and comfortable environment perfect after a long day of work, will achieve either of these goals with the striking selection of Serica colours.

Serica films are highly versatile surfaces for both commercial and residential environments and offer excellent options for design variety, performance and durability. All the new colours complement each other and work well together with the existing Serica collection.

Compared to other similar materials, Serica sets new standards for the

sector, with its giant leap forward in ultra matt technology. The Serica surface collection from dp-lamination is available in 28 solid colours that allow for creative combinations.

What is more, Serica has superior water, chemical and scratch resistance properties and is often chosen for demanding applications where these performance qualities are needed.

Innovation in design is always at the forefront of Decorative Panels minds with continual development in the latest surface textures and finishes. These latest colour additions to the Serica collection, which can be found in the dp-specialist range, reflect the latest trends in modern design.

You can browse surface solutions, get inspired, learn about trends and more on Decorative Panels new and improved website.

You can also book a visit to the dp-group marketing suite where these and many more products are on permanent display, with innovative designs coming out all the time.

*For further information tel Decorative Panels on 01484 658341.
Visit www.decorativepanels.co.uk*



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