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FURNITURE AND MANUFACTURING MATERIALS AND TECHNOLOGIES

WOODNEWS

JANUARY - FEBRUARY 2026 · Vol. 35 · No. 5 ₹ 200

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35 YEARS

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POWER PLAY

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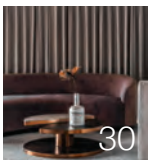

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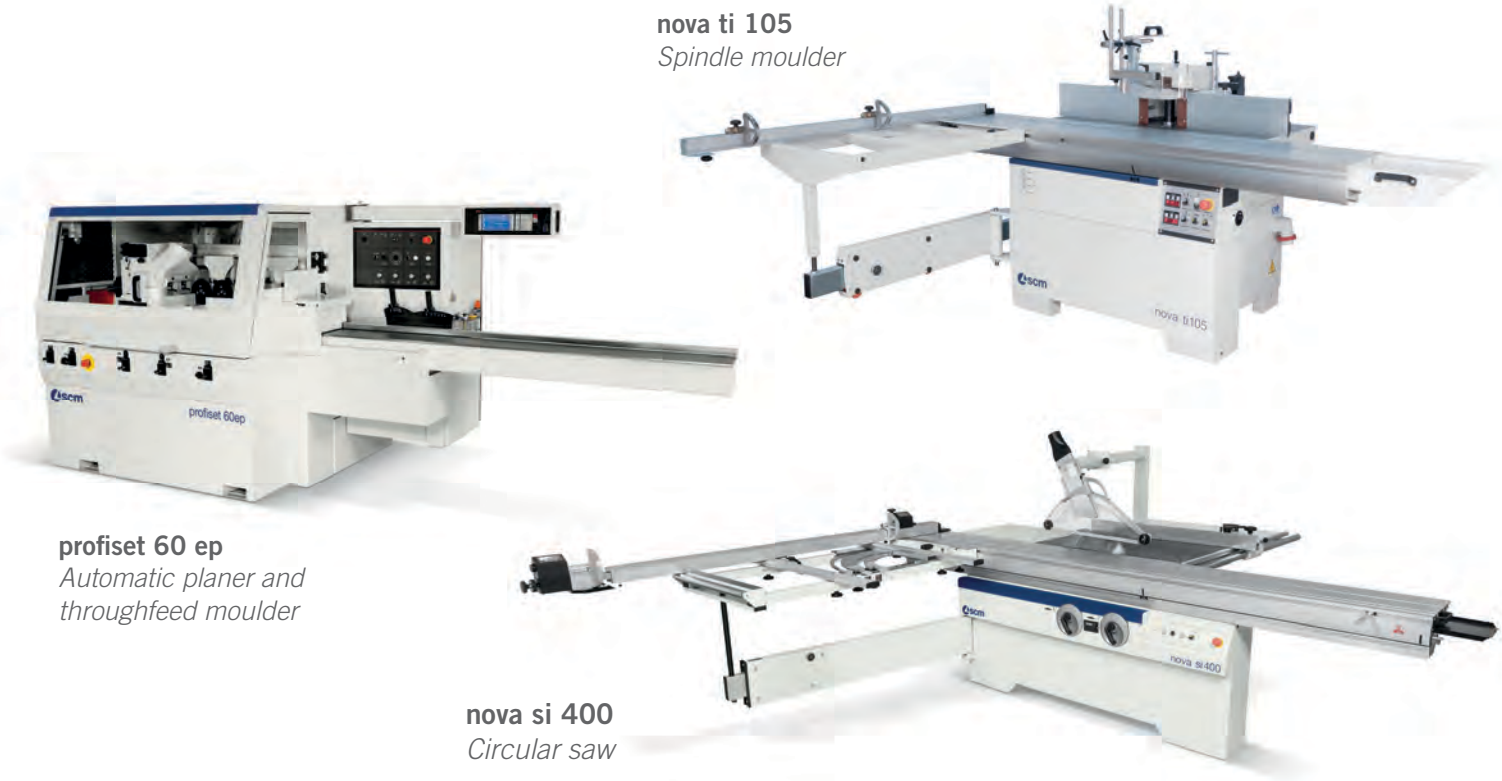
INDIAWOOD 2026: DISCOVER OUR MACHINES

SCM's expert team is ready to welcome you to the next edition of Indiawood. Don't miss out the innovative technologies that improve your business, register to the event to get your ticket and join us to find out more.



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SONIA PRASHAR
Chairperson of the Board & Managing Director, NürnbergMesse India Pvt. Ltd.

Strategic fit: Beyond the booth, to the ecosystem

As one of India's leading exhibition organisers for the woodworking and furniture manufacturing sector, with IndiaWood, India Mattresstech & Upholstery Supplies Expo (IME) and IndexPlus, NuernbergMesse India, has had a front-row seat to the evolution of this industry especially over the last decade.

In 2018, NürnbergMesse India acquired the woodworking portfolio, with its flagship trade shows, IndiaWood, held biennially in Bengaluru and Delhi. It wasn't just a business deal; it was a transfer of 25 years of legacy.

The beginning of the year represented a pivotal move in our strategy to evolve from a traditional trade fair organizer into a holistic industry partner. With integration of WoodNews under its portfolio, we are combining the scale of our exhibitions with the deep-dive expertise of WoodNews! It is a defining moment in our journey to becoming a comprehensive solution provider for the woodworking industry.

Going forward, IndiaWood wasn't just treated as a single block, but branched into high-growth sub-sectors with India Mattresstech & Upholstery Supplies Expo (IME), as a concurrent show.

In the meanwhile, IndiaWood has evolved into a portfolio of focused extensions and regional editions, including MumbaiWood, KolkataWood and ChennaiWood. Through Wood+ in Architecture & Design (WAD), and the newest launch Surfaces@Work, production is connected with design intent and market demand.

This is not just about expanding our portfolio, it is about enhancing the ecosystem. As India moves toward becoming a global manufacturing hub, this synergy will be the catalyst for innovation, knowledge sharing, and sustainable growth across the entire value chain.

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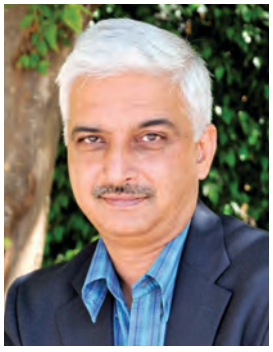

EDITOR

DHANANJAY SARDESHPANDE

'Mother of all deals' and an exciting IndiaWood 2026

Dear Readers,

The New Year seems to be auguring well for the woodworking industry in India. First, because *WoodNews* magazine, which has served the furniture manufacturing ecosystem for more than 35 years, has changed hands. NürnbergMesse India, which now runs IndiaWood and its sister woodworking trade shows and conferences, has acquired the title – the print and digital extensions of the publication.

This brings about a synchronisation of the strengths of both brands: IndiaWood goes from strength to strength to act as an enabler for all stakeholders during its shows, and *WoodNews* offers a continuity of communication channels all year round, whether for information and education, or exchange of ideas and opinions. It is with this in mind that Team *WoodNews* re-dedicates itself to improving the dialogue among its readers, advertisers, woodworking experts and exhibitors.

The second good news is the free trade agreement (FTA) between India and the European Union (EU), among the most important strategic economic partnerships globally, which is expected to serve the combined market of an estimated ₹2,200 lakh-crore (US$24 trillion)! Together, the EU and India represent around 25% of the world's population, and about 25% of the world's gross domestic product.

The FTA is expected to remove several trade barriers and simplify procedures, open new export opportunities, and strengthen the EU's economic security by diversifying its supply chain. It opens significant potential not only for trade but also R&D and innovation. It promises to deliver market access for more than 99% of India's exports by trade value.

What this means for the Indian furniture manufacturing ecosystem is enabling MSMEs to plan long-term investments, integrate into European value chains, and exploit consistent favourable market access amid global economic uncertainties. More on this in subsequent issues of *WoodNews*.

I quote from a recent business report published by Anarock, an international property consultant: India's residential real estate market is undergoing a fundamental reset. Larger homes are emerging as a demand driver, signalling a shift from volume-led to value-led growth in the housing sector. The report says larger homes now account for up to 50% of buyer demand, a sharp rise from about 30% in pre-Covid times. It underscores how Indian home buyers are prioritising space, wellness, flexibility and long-term value over entry-level affordability.

This shift is attributed to lifestyle changes, work-from-home adoption and multi-generational living preferences. Developers are re-calibrating supply towards low-density, amenity-rich projects with larger unit configurations. Today, 3BHKs and bigger homes the new mainstream rather than a premium niche. What this means for the furniture industry, and architects and interior designers communities is not so difficult to understand.

As we close in on IndiaWood 2026 in Bengaluru, this issue of the magazine gives a peek into the machinery, material and men that await visitors to the sub-continent's woodworking jamboree. Team WoodNews wishes all its readers, exhibitors and visitors a valuable 5-day experience. We are eager to meet you during the show!

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INDIA WOOD

Women trainees break the technology ice

The cohort included students hailing from Haryana, Delhi, Rajasthan, Punjab, Bihar and Uttar Pradesh.

The Hettich Poddar WoodWorking Institute (HPWWI) in Faridabad recently held the Convocation and Awards Ceremony for its first-ever batch of women trainees in woodworking, marking a key moment in women's participation within the furniture and fittings sector.

The ceremony recognised 108 graduating students, including 50 women trainees, who completed HPWWI's three-month short-term training programme. For many of the women graduates, the programme represented their first formal entry into a highly technical and traditionally male-dominated trade. Thus, the women graduates were given the 'Ice-Breaker Award' for the courage shown by them.

The initiative reflects HPWWI's belief that access to technical skills should not be limited by gender, and that expanding women's participation is essential to building a more inclusive, resilient, and future-ready workforce.

By creating an industry-aligned environment, HPWWI aims to open sustainable career pathways for women while bridging the skill gaps within the woodworking ecosystem.

The ceremony was graced by Amit Prasad, Director of HPWWI and Chief Human Resources Officer with Hettich India. He emphasized the significance of structured, industry-aligned pathways for skilling.

"At HPWWI, our objective is not just skill creation, but inclusive skill creation. By enabling women to enter technical trades through structured training and real industry exposure, we are working towards a more balanced and future-ready workforce; one where opportunity is driven by capability, not convention," he said.

Graduates received certifications recognised by the National Skill Development Corporation (NSDC) and the Furniture and Fitting Skill Council (FFSC). Along with HPWWI certification the awards included the Medal of Merit.

The programme's curriculum combines skill enhancement with the latest woodworking trends, techniques and technologies, delivered by highly experienced trainers. Trainees receive extensive hands-on exposure, including training on modern CNC machines and pneumatic tools.

Reflecting the HPWWI's strong industry connect, 20 graduates received on-the-spot offer letters from placement partners such as StudioKon Ventures, Decora Kitchen Interiors, Delbergia, Wudley, Mobel Grace, among others.

The cohort included students hailing from Haryana, Delhi, Rajasthan, Punjab, Bihar and Uttar Pradesh, with 30 trainees from under-privileged backgrounds, underlining HPWWI's CSR-led focus on widening access to skill development and employment.

Operating across three centres in India located in Mumbai, Faridabad and Kolkata, HPWWI continues to strengthen the woodworking and furniture and fittings ecosystem through structured programmes focused on skilling, upskilling, and reskilling, in collaboration with NSDC, FFSC, ITIs and industry partners, in support of the Skill India Mission.

Also present with their active participation and words of gratitude on the occasion, were industry partners such as Canadian Wood, Biesse, Rehau, Felder, Imos, WoodTech, SS Coatings, and Groz Tools.

The event proved to be a success with the effort of HPWWI Deputy Director Deepak Sharma and his core team of trainers Kulwant Jangra, Jyoti Ashutosh and Swapnil Verma.

Representatives of HPWWI's industry partners from Canadian Wood, Biesse, Rehau, Felder, Hettich, Imos, WoodTech, SS Coatings and Groz Tools.

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SCM opens new digital home of innovation

More than 2,500 visitors from all over Europe, Asia, and North and South America, crowded the SCM Group headquarters in Rimini (Italy) late in September last year to open its new Technology Centre dedicated to the entire woodworking industry.

This new 4,000-square-metre space presents technological and digital innovations for every machining requirement in the furniture industry, windows and doors production, timber construction and bespoke joinery. The centre was created as part of a re-development plan involving an additional 11,000 square metres of the entire Rimini industrial site.

Other investments, totalling an increase of 20,000 square metres, were made to increase production efficiency at the SCM sites in Monza, Piacenza and Siena, as well as at the Villa Verucchio site of the SCM-controlled company, Hiteco, which specialises in electro-mechanical components.

In the new Technology Centre every detail has been designed to offer the widest range of technologies and services and provide integrated, connected, flexible, more sustainable and optimised processes at each stage of secondary wood processing.

The event was an opportunity to discover the latest solutions developed by the Group which combine the strong technological skill to produce solutions for furniture, doors and windows, timber construction and artisan joinery with the development of software and services, to accompany the client at each stage of their production process.

The centre displays automated and connected solutions, as well as interaction systems between humans, machines, articulated robots and AMR shuttles, software and digital services.

On display is the Gabbiani VSI vertical panel saw with independent motors for main blade and scorer, with mechanical plunging designed to make horizontal and vertical cuts on different types of wood materials.

Making its debut was the new Maestro Edgestore manager software for centralised control of the customer's edges: it ensures their use and position in the warehouse are always under control, as well as sharing information with software and company management systems.

SCM presented the latest entries of DMC Eurosystem and DMC SD 90 for sanding and calibrating.

Superfici specialists presented the latest trends for finishing, standing out among the new solutions digitally illustrated for spraying robotic solutions. Also on display was the new System-9 integrated line for windows and doors manufacturing, which includes another absolute novelty: the Celaschi action double-sided tenoning machine.

Another attraction was Windorflex, the new automatic machining cell for producing complete windows, designed to optimise production rhythms by maintaining high flexibility and excellent finishing.

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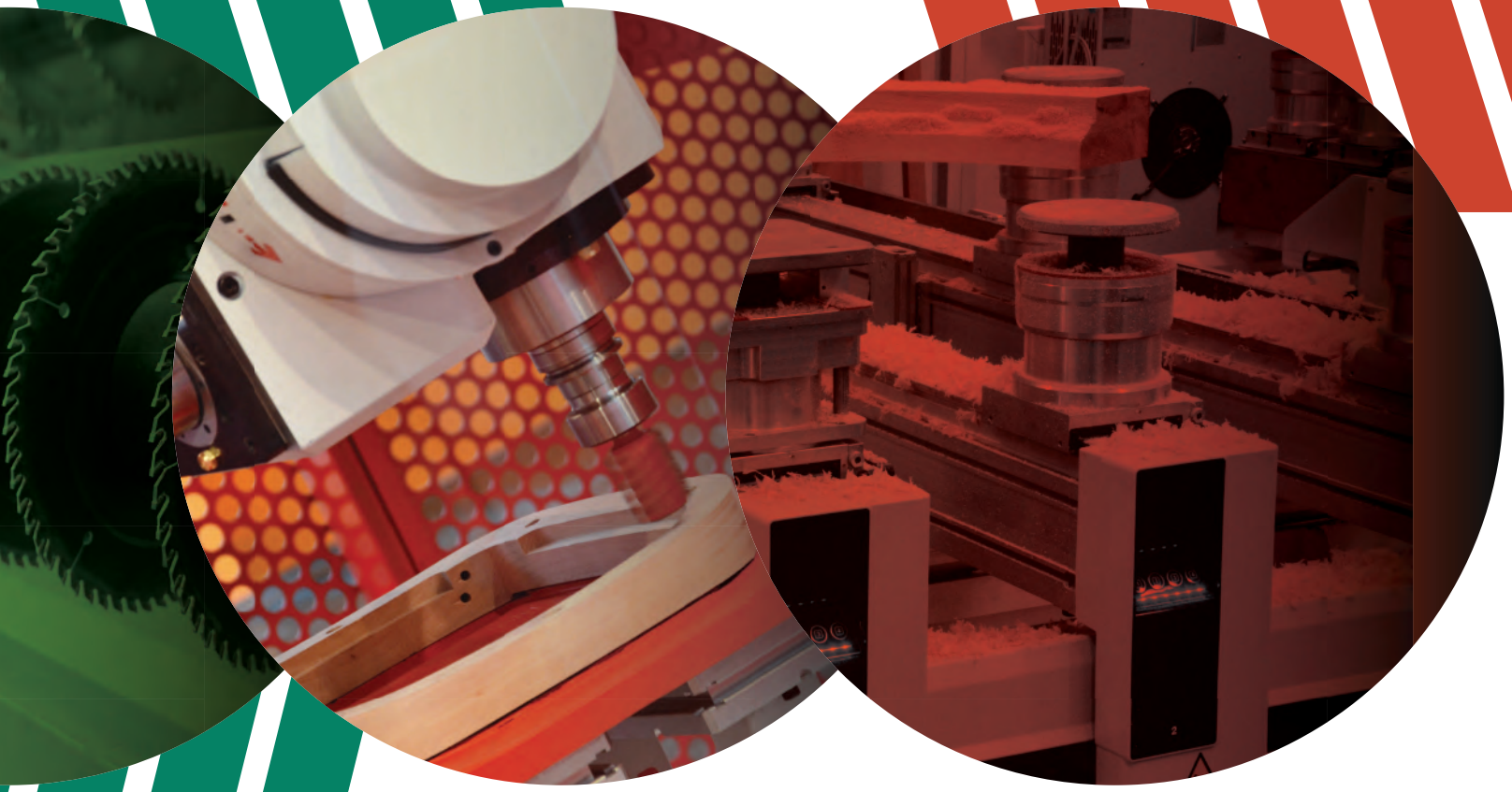

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26 February -
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Date: 12-15 May, 2026

Venue: : Corferias Centro de Convenciones, Bogotá (Colombia)

A woodworking, furniture, and interior spaces processing trade fair in Latin America and the Caribbean, bringing together industry professionals to discover innovative products, connect with key players, and explore the latest trends.

www.interzum-bogota.com/en

W EXHIBITION

Date: 17-19 May, 2026

Venue: : National Exhibition Centre, Birmingham, UK)

The 'W Exhibition' is the UK's show for the joinery and furniture industries, showcasing the latest products and developments. It provides the opportunity to see running woodwork machinery together with components and materials all under one roof.

www.professionalwoodworkingexpo.com

DOMOTEX ASIA / CHINAFLOOR

Date: 27-29 May, 2026

Venue: National Exhibition and Convention Center, Shanghai (China)

The largest international trade fair for the flooring industry in Asia Pacific and China. Domotex Asia / Chinafloor showcases all types of flooring such as wood, bamboo and sports flooring, etc.

www.domotexasiachinafloor.com/

XYLEXPO

Date: 09-12 June, 2026

Venue: Fiera Milano Rho, Milan (Italy)

Xylexpo is the biennial international exhibition of technologies for the wood and furniture industries, building a bridge towards an increasing demand of solutions and tools focused on multi-materiality.

www.xylexpo.com/en/

KENYA WOOD

Date: 11-13 June, 2026

Venue: The Sarit Centre, Nairobi (Kenya)

Kenya's largest exhibition and trade fair on wood and woodworking machinery, furniture production technologies tools and fittings, interiors design, accessories, materials and allied industries.

www.Kenyawoodexpo.com

FORMÓBILE

Date: 30 June - 03 July, 2026

Venue: São Paulo Expo Exhibition & Convention, São Paulo (Brazil)

The main event in Latin America aimed at professionals and companies in the wood and furniture sector.

www.formobile.com

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Wastewater recovery for board manufacturing

The fibreboard industry is confronted with rising environmental requirements, increasing water and energy costs, and the need for stable, high-efficiency production processes.

Large volumes of wastewater are generated during chip washing, screw press de-watering, refiner preparation, and wet electrostatic precipitation systems. At the same time, fibreboard production depends heavily on steam, traditionally produced using large quantities of fresh water.

A new system from Schrader Verfahrenstechnik GmbH addresses these challenges through an integrated, industrial-scale evaporation and energy recovery concept that enables full wastewater re-use and significantly reduces operating costs.

The system is engineered as a turnkey solution and is customized to plant-specific conditions such as wastewater composition, capacity and energy integration. Its modular design allows smooth integration into existing fibreboards lines while ensuring continuous operation and high availability.

By converting wastewater streams into reusable process steam, the Schrader system transforms a cost-intensive by product into a valuable resource.

System benefits

Wastewater first undergoes mechanical pre-treatment to protect downstream thermal components and ensure stable operation. Coarse solids are removed via curved screens, followed by fine solid separation in high-performance decanters. These solids are de-watered and transported directly to the energy plant, where they are used as fuel.

A large buffer tank equalizes load variations caused by production changes, ensuring constant feed conditions for the evaporation stages, and preventing fouling, scaling, and frequent start-stop cycles.

Thermal treatment is carried out using a falling film evaporator with an integrated steam separator. Mechanical or thermal vapour re-compression increases the vapour temperature by approximately 6 K, allowing the recovered vapour to be reused as heating steam within the system.

This significantly reduces live steam demand and improves overall energy efficiency. The pre-concentrated wastewater is then further treated in a final concentrator, where it reaches a dry matter content of approximately 20-25%.

Energy integration

The concentrated wastewater and separated solids are fed into the energy plant, where their calorific value is fully utilized. Condensate from the evaporation process is routed to a natural circulation evaporator, which generates high-quality process steam using thermal oil or live steam.

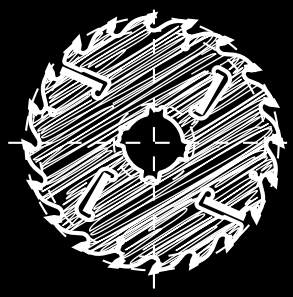
This steam is returned directly to the refiner and fibreboard production process. The condensation energy of the energy plant's live steam is recovered through heat exchangers, and 100% of the condensate is returned to the energy plant. This closed-loop configuration eliminates the need for fresh water in steam generation.

The Schrader system is highly automated and equipped with pre-programmed cleaning-in-place cycles that minimize downtime and chemical consumption. Remote monitoring via Schrader Supervision provides real-time data, supports predictive maintenance, and enables fast fault diagnosis by experienced engineers.

The result is a zero-liquid-discharge solution that delivers maximum resource efficiency, long-term operational stability, and compliance with stringent environmental regulations. That makes it a technically advanced and economically sustainable choice for the fibreboard industry.

freud

Today



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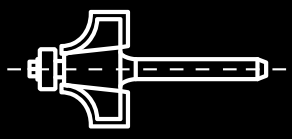

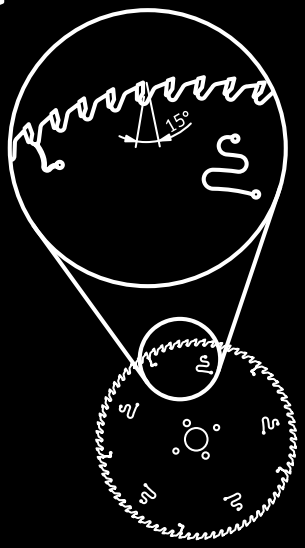

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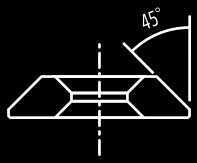
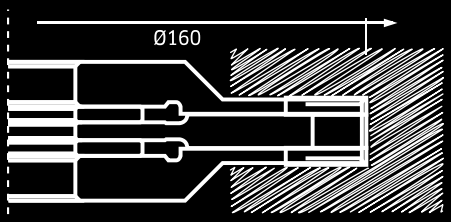
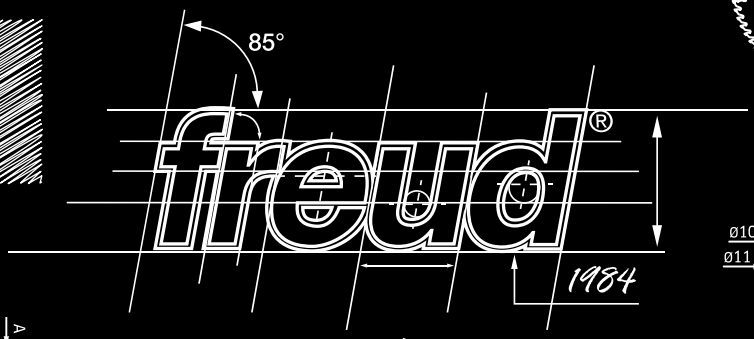
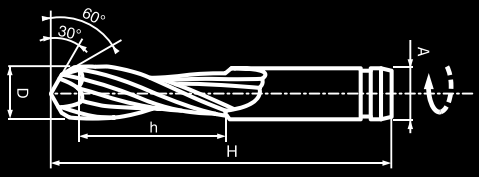
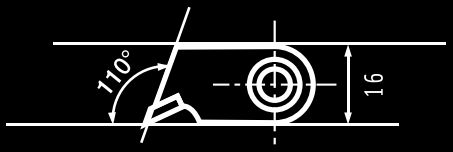


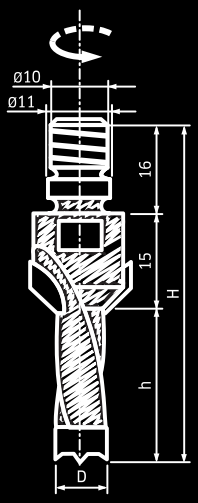
Cutterheads and Brazed Cutters
Teste Portacoltelli e Frese Saldobrasate











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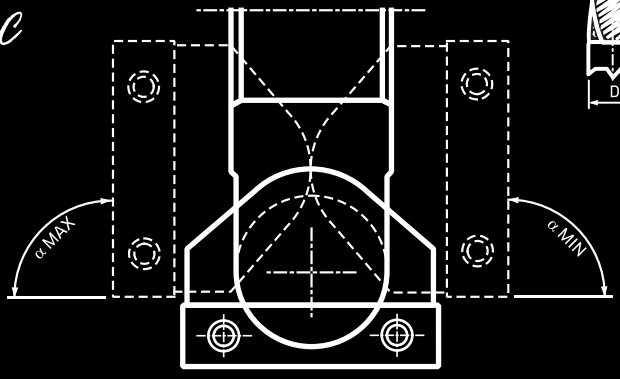

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Website

Product Catalogue

'Green' approach to humidity protection

Wood is a renewable and sustainable construction material, yet its hygroscopic nature limits its durability in outdoor environments. Traditional protective coatings often utilise fluorinated chemicals or energy-intensive processes, contradicting the principles of green chemistry and sustainable development.

Researchers in China have developed a fluorine-free, energy-efficient strategy for fabricating self-healing super-hydrophobic coatings that autonomously restore their functionality at ambient temperature.

The coating is prepared via a one-step co-condensation process using octadecyl amine (ODA) and methyl trimethoxy silane (MTMS) in ethanol.

This avoids external energy input and hazardous substances, resulting in a surface with a hierarchical micro/nano structure, an ultra-low surface free energy of approximately 6 mJ/m², and a water contact angle exceeding 155°.

The coating exhibits remarkable self-healing capabilities, restoring its super-hydrophobicity within 36 hours after mechanical damage or plasma etching.

It retains this functionality for up to 43 cycles of damage and repair, alongside exceptional UV stability (water contact angle >140° after 936 hours) and resistance to neutral and alkaline media.

By significantly reducing water uptake and improving dimensional stability, the MTMS/ ODA coating extends the service life of wood in demanding outdoor conditions.

This scalable and fluorine-free solution offers a practical pathway to enhance wood durability while aligning with sustainable construction and green materials engineering principles. (*Source: Organic Coatings*)

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YOUR SOLUTION

Safer receipt paper from lignin

NIK PAPAGEORGIOU

Researchers at EPFL, the Swiss Technology Institute of Lausanne, have developed formulations for the kind of paper used in cash receipts or shipping tags using wood-based chemicals that reduce reliance on toxic bisphenols while retaining print performance.

Every day, millions of people use thermal paper without thinking about it. Receipts, shipping labels, tickets, and medical records all rely on heat sensitive coatings to make text appear. More specifically, heat triggers a reaction between a colourless dye and a "developer", producing dark text where the paper is warmed.

Thermal paper is a small object with a large footprint. It is produced at scale, handled daily, and often recycled, which allows its chemicals to spread into water and soil.

For decades, the most common developers have been bisphenol A (BPA) and, more recently, bisphenol S (BPS). Both can affect living organisms by disrupting hormone signalling, and both are detected in the environment and in people who handle receipts frequently.

Finding safer alternatives to bisphenols is difficult because thermal paper must also be stable, printable, and cost-effective: in 2022, the global thermal paper market was valued at around US$4 billion and is expected to grow to about $6 billion by 2030.

Regulators and manufacturers have looked for replacements, but progress has been slow, since any less toxic alternative must also react at the right temperature, stay stable during storage, mix well with other coating ingredients, and avoid background discoloration. And many proposed bio based materials fail on one or more of these.

Solution from wood

Scientists at EPFL have now shown that wood derived materials can meet these requirements. In a study published in Science Advances, the researchers report thermal paper coatings that use lignin, a major component of wood, together with a sensitizer derived from plant sugars.

They have developed thermal paper formulations – which are commonly found in daily products like cash receipts, package labels, airline tickets, etc. – made from plant-based molecules that have very low or no toxic signatures. The researchers focused on it because it already contains chemical groups that can act as colour developers.

But isolated lignin is usually dark and chemically messy, which makes it unsuitable for printing. To address this, the researchers used a controlled extraction method, called "sequential aldehyde assisted fractionation", to produce light-coloured lignin polymers with fewer of the dark, colour absorbing groups that can interfere with printing.

Their chemistry also allowed it to be well mixed in the thermal layer – a key prerequisite to proper reactivity. To make the lignin reactive at printing temperatures, the team added a "sensitiser," a compound that melts when heated and helps the dye and developer interact.

Instead of using conventional petroleum based sensitizers, they tested diformylxylose, a molecule made from xylan, a sugar found in plant cell walls. They then applied the resulting mixtures as thin coatings onto paper and tested them using controlled heating and commercial printers.

The lignin based coatings produced clear printed images when heated, with colour density values in the same range needed for commercial thermal paper. The coatings stayed stable when stored near a window for months, and printed logos remained readable after a year. While image contrast was still lower than that of fully optimized commercial paper, the performance matched that of BPA-based thermal papers.

Safety tests also showed a clear advantage, as the lignin developers displayed oestrogen like activity that was over two to four orders of magnitude lower than BPA. The sugar based sensitizer showed no estrogenic or toxicity profile under the tested conditions.

The study shows that safer thermal paper formulations can be made directly from non edible biomass using simple processing steps. While more work is needed to optimize print quality and scale up, the results point toward receipts and labels that do their job without relying on problematic chemicals.

– The writer is a journalist with Lausanne-based EPFL.

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How wet electrostatic precipitators help protect environment

Siempelkamp Energy & Drying Solutions GmbH has won its first order for a wet electrostatic precipitator (WESP), which is to be installed at a customer's site in Europe. The order marks the execution of a technically demanding overall project by Siempelkamp EDS, coordinated by its Environmental Technology Competence Center in Kaiserslautern.

The project includes the delivery, installation and commissioning of the entire system.

The in-house development of WESPs is based on the expertise that Siempelkamp

EDS has brought together. The range of performances includes the supply and planning of new environmental technology systems, as well as servicing, spare parts and rebuilds for existing EWK and Valmet systems.

The WESP for this new project is going to be used to treat the exhaust air from the forming line, curing oven and cooling zone on two production lines for mineral wool. It will meet strict emission limits in accordance with BREF guidelines, particularly for particulates, total carbon, phenol and formaldehyde.

The design uses a dual-section WESP unit and comes with extensive features; it's

also going to be CE-certified and will satisfy the highest quality standards for

safety, automation and documentation that the company's customer requires.

Benefits, prospects

Environmental technology in general, as well as WESP technology at Siempelkamp EDS, originated from the needs of the wood-based panel industry. The company possesses many years of experience in the field of particleboard, OSB and MDF dryers and corresponding systems for treatment of exhaust air.

WESP systems are required to process exhaust air from dryers; Siempelkamp EDS' technical solution includes an integrated three-stage process for treating water with heat recovery as a further option. Wood-based panel producers benefit from modern water treatment – the flotation system is equipped with an upstream loop reactor that cleans circulating water used in wet cleaning systems. This concept replaces the previous high-maintenance centrifuges (decanters) while contributing significantly to process efficiency.

The energy integration helps make the plant more cost-effective, the amortisation times for the heat recovery systems are relatively short – which is particularly relevant for wood-processing operations and the associated high demand for energy.

It is also possible to retrofit existing wood-drying and press plants with these systems and components. They can further be installed in biomass plants for drying pulp and sugar beet chips, and can also be used in industrial waste recovery, the pellet industry and many other areas.

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Precision, people, and the perfect fit

ROY THOMAS

In Multiflex's factory, where every millimetre matters, a family-led team blends engineering discipline, creative interpretation, and hard-earned experience to build furniture that always fits – on paper, on machine, and on site.

Multiflex has bridged the distinction between modular (precision), semi-modular (flexibility) and hybrid systems, providing the benefits of both.

The first thing you notice upon entering Multiflex's 3,200-square-metre Rabale facility in Navi Mumbai is not just the scale but the cleanliness and the functionality of the place. It seems to exude the quiet calm of a place that knows what it is doing and is confident about its ability to deliver.

Multiflex began in 1989 when the Quadros group of companies was formed. With extraordinary prescience, anticipating the huge market opportunity for organised manufacturing, the company swiftly graduated into panel processing activities in 1995.

At the centre of this steady, purposeful energy stand Ashok Quadros and Anand Quadros, the founders of Multiflex, whose gravitas and measured presence capture the culture more clearly than any handbook ever could.

Ashok and Anand have spent over three decades building an organisation shaped not by slick marketing, but by method, discipline and a relentless refusal to compromise on what they believe woodworking should be: a profession of honour.

To them, the shopfloor is a living organism, and the team that runs it is its nervous system, each one empowered to think, improve and question.

Long before modular furniture became an industry expectation, the brothers were building their own understanding of precision. The ecosystem in those years was unpredictable: machines behaved differently every day, boards varied from batch to batch, and repeatable accuracy was almost mythical.

Yet they persisted, slowly shaping the company, encouraged by the support and guidance of their good friend and mentor, the late V. Ramakrishnan, fondly remembered as "Ramu Sir".

Engineering first

The ethos of the organisation today revolves around one unwavering belief that the product on site must match the drawing without negotiation. "Anything less is failure," they say with strong conviction. This line has travelled across the factory floor for years and absorbed until it became part of the organisation's DNA.

"You have to respect material," Ashok says. "If you respect material, you'll respect the process, and if you respect the process, the result will always take care of itself."

One of the defining aspects of Multiflex's identity is that it treats engineering not as a support function but as the foundation of the business. Every project – be it a luxury hotel room, or a high-end residential project – begins with the engineering room.

Here, drawings are not simply translated, they are interrogated, clarified, and sometimes fully re-thought. Anand explains that the aim is always to predict errors before they occur. It is here that the shift from traditional carpentry to structured, document-dependent manufacturing truly becomes visible.

"Clients today expect certainty," he says. "Certainty in delivery, certainty in fit, and certainty in finish. That certainty is engineered long before the first cut is made."

As the process unfolds, the engineering team prepares detailed production drawings, bill-of-materials, and nesting plans, ensuring that every joint and every tolerance is accounted for. Error margins are treated with near-scientific scrutiny.

This emphasis on engineering accuracy provides not only consistency but also allows the company to take on complex projects across sectors where timelines are tight and aesthetic expectations are non-negotiable.

Experience speaks

Anand Quadros is the invisible hand behind all projects, sits at the nerve centre of the operation. He manages and tracks the pipeline of projects, monitors procurement

The Multiflex team (L) carries out complete furniture solutions across residential, hospitality, commercial and retail sectors (R) in the USA, Australia and the Middle East.

and approvals, and ensures that changes are properly documented before they disrupt the workflow.

He translates architectural language into production language and solves conflicts between site demands and factory constraints. "Miscommunication is the most expensive material in this factory," he remarks.

His role becomes especially vital when Multiflex works across sectors like hospitality and commercial spaces, where site conditions evolve constantly. "If architecture adds a curve," he says, "engineering must find a way to keep it manufacturable, and production must deliver without losing stability. That chain of understanding is what keeps us consistent."

Reuben Lobo, also a member of the family and the brain behind Multiflex's manufacturing prowess, oversees production flow, manpower allocation, daily targets, and the critical balance of speed versus precision.

He is the person who ensures that the engineering vision survives its journey through execution. His responsibilities include overseeing every machine centre, tracking production efficiency, and ensuring that workers are trained not only to operate equipment but to understand why certain processes must never be skipped. "At the end of the day, the factory only performs as well as the discipline we maintain," he says.

Material responsibility

Multiflex's raw material handling is one of its quiet strengths. The philosophy is simple: bad input inevitably produces bad output, no matter how good the machines are. The company adheres to FSC (Forest Stewardship Council) and various furniture standards.

Within the organisation, standards are seen not as targets but baselines. Many projects – especially in hospitality and healthcare – demand tolerances beyond published norms. Some require custom testing frameworks. Others rely on documentation and traceability that exceed standard compliance.

"We stick to standards," Joseph Noronha, Quality Control and Finishing Supervisor. says, "but we don't stop at them." This ability to outperform norms has made Multiflex a dependable partner for demanding sectors, be the precision needs of hospitals, the finish expectations of hotels, or the detailing depth of luxury homes.

Measurements of materials are taken seriously. Even slight deviations in sheet thickness are accounted for during engineering. This obsession with dimensional integrity is part of the company's DNA and is one of the reasons clients across sectors return to them.

"Sadly, Indian suppliers have a long way to go in terms of quality," says Joseph "We send our team to our supplier's factory to check each piece." Where required, the company imports material from overseas to ensure quality and precision in its work. Joseph's responsibilities include dry-fit checks, edge alignment testing, laminate finishing consistency, and ensuring that each unit passes through a systematic checklist before dispatch. Under his watch, every edge, every hinge alignment, every shutter gap becomes a matter of personal accountability.

Machine lineup

The shopfloor layout has been engineered for flow. Work moves in a straight line – from panel sizing to edge banding, routing, drilling, pressing, assembly, and finishing – using a carefully sequenced set of machines that eliminate unnecessary handling and reduce dependence on operator judgment.

Advanced CNC systems drive the core of the workflow, supported by high-capacity beam saws for accurate sizing, automated edge-banding units that deliver invisible zero-edge finishes, and multi-boring and routing centres that ensure every hole, groove, and recess aligns perfectly with the engineered drawings.

These are complemented by dedicated multi-forming equipment, calibrated sanding lines, hydraulic presses, and controlled finishing booths equipped to handle lacquer, laminate, and paint-grade work with consistency.

To support this process-driven environment, Multiflex has built its production around flat-pack engineering, where each panel is pre-drilled, marked, and calibrated for fast and clean installation on site. Uniformity across batches is reinforced through robotic lacquering, a system that eliminates manual

variation and delivers a smooth, repeatable finish every time.

This machinery ecosystem is matched by an equally disciplined material approach. Multiflex sources boards, adhesives, and hardware from reputed international suppliers, relying on components that are tested for durability and, in the case of hardware, often backed by lifetime warranties.

All materials comply with E0.5 or E1 lower formaldehyde-emission standards, and the finishing line uses food-grade lacquers and FSC-certified input materials where applicable. Ashok often reminds his team, "A machine doesn't lie. If something is wrong, the mistake is in the drawing, or the material, or the handling."

Business verticals

Multiflex's strength lies in its ability to navigate vastly different types of clients and sectors. Hospitality, for instance, demands finesse: curved panels, veneer matching, concealed lighting, and precision joinery that must remain stable under heavy usage.

Healthcare demands durability and hygiene – clinics, OPDs, diagnostic rooms, pharmacy counters – where units must withstand constant wear. Luxury apartments, requires speed and standardisation. These are high-value, tight-deadline environments where quality cannot slip under the pressure of volume.

Multiflex handles all three sectors with a system that adapts through engineering and planning rather than through compromise. This is one of the reasons the company's client base includes a mix of well-known hospitality, healthcare, and luxury real estate brands.

Who's who

At the heart of Multiflex's operational clarity is Neha Jhunjhunwala Eidnani, Managing Partner, who emphasises, "A factory must run on information, not assumptions."

She tracks cost structures, monitors margins, and connects engineering decisions to business consequences. Neha believes a manufacturing company cannot function as a chain of isolated departments; it must behave like a single organism. Under her supervision, the company's workflows benefit from a systematic approach that blends engineering clarity with predictable costing.

Multiflex's list of customers is like a 'who's who' of the Indian industry including Oberoi Realty, Mariott, Ritz Carlton, Park Hotels, Warburg Pincus, Nomura, Ambhuja Cements, J.P. Morgan and Tribhuvan Bhimji Zaveri. Other big names include Ratan Tata, Gauri Kirloskar, Rakesh Jhunjhunwala and R.P. Goenka.

Marketing is more by word of mouth. Business comes looking for them – such is the reputation of quality, meticulousness and sticking to delivery schedules. Multiflex can lay down the terms of business that the company will engage in!

Today, Multiflex carries out complete furniture solutions across residential, hospitality, commercial and retail sectors, in the USA, Australia and the Middle East.

Dry fit

As the work moves to assembly, the approach shifts from machine precision to human judgment. This is where the cumulative decisions taken at every earlier stage become visible: whether a hinge sits cleanly, whether the laminate line is uninterrupted, whether shutters meet perfectly. The QC team ensures everything aligns before the unit advances to finishing.

The factory treats finishing as a final layer of respect to the product, rather than as a touch-up station. Units move through inspection lights, cloth checks, and corner alignment reviews.

Multiflex has bridged the distinction between modular, semi-modular and hybrid systems. Modular requires absolute precision. Semi-modular requires flexibility. Hybrid systems must provide the benefits of both. "If you build 10 units," Ashok says, "and all 10 behave exactly the same way, only then you can claim to be a truly modular company."

Next generation

One of the strongest aspects of Multiflex's culture is its insistence on grooming young talent. Interns come through the engineering department, the assembly lines, and the factory floor. They are taught to read drawings, understand tolerances, study hinges, screws, slides, adhesives, and learn why no part of the factory is truly "low skill".

Aditya and Glenn Quadros, Anand & Ashok's sons, who currently work as senior manufacturing and costing and commercial engineers, have been through the grind, dirtying their hands while learning first-hand about each machine from the operators. This internal training system ensures that experience is not lost, and that the organisation retains continuity.

Ashok sums it up aptly: "A factory is not built in the year you start it. It is built every day, through every decision." His legacy is not simply a woodworking company. It is a palpable statement for why manufacturing excellence still matters, and why craft, when paired with engineering clarity, can deliver consistency that even the most demanding client's respect.

Multiflex treats engineering not as a support function but as the foundation of the business. Drawings are translated, interrogated, clarified, and sometimes fully re-thought.

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Edge bands: tussle between price and quality

In cheap products, the primer application is extremely insufficient, the primer layer is very thin, and in some areas almost no primer has been applied.

The edge banding market is flooded with a range of cheap products of various origins, which are often preferred to save on cost. However, the matter does not end with price alone. What about quality?

The adhesion of the edge band to the surface directly affects the lifespan of the product. This adhesion strength is directly related to the quality and amount of primer applied to the surface.

When examined under ultra-violet light, the amount of primer applied can be seen more clearly, thanks to its fluorescent effect. It is clearly observed that in cheap products, the primer application is extremely insufficient, the primer layer is very thin, and in some areas almost no primer has been applied.

This situation seriously reduces adhesion strength and causes the band to peel off easily during use.

When both cheap and quality-tested products are applied to MDF surfaces using the same machine and the same adhesive and rested for 24 hours, one can test the resistance of the bands against peeling with a device.

Cheap products, due to insufficient primer application, show very low resistance against peeling and almost detach from the surface by themselves. The quality product, however, remained integrated with the surface. The difference is very clear – almost twice as much!

Quality primer means longer life. Against stresses caused by heat, humidity and time, this difference becomes even more apparent.

So far as tensile strength is concerned, it can be tested in accordance with ISO 527 standard on samples cut into dog-bone shapes. The results are quite clear: cheap edge bands break under very low force. The reason for this is the excessive use of filler material and the incomplete plasticisation process.

Stringent tests

When the edge bands are cut in half and filmed with a close-up camera, one can clearly see the inner structure. In the vertical cross-section examination, it is obvious that the cheap product has a non-homogeneous structure with a high concentration of fillers.

In the inorganic material analysis carried out in an ash furnace at 960°C, it was determined that cheap products contain approximately four times more inorganic material than the amount of filler used in quality products.

This reduces the flexibility of the product and makes it brittle. In addition, the excess inorganic material causes cutting blades in machines to dull much faster than normal.

Brittleness test performance in cold climates is of great importance. Resistance to stretching, impacts, and hot-cold differences during use is required. Bands that crack or do not flex in cold environments cause major problems during assembly.

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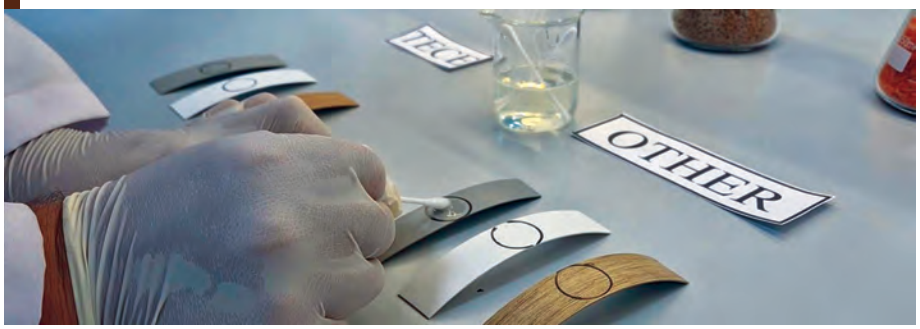
Quality primer means longer life. Against stresses caused by heat, humidity and time, this difference becomes even more apparent.



In this test, cheap and quality products are cooled and tried to bend. The cheap edge band cracks quickly. The quality edge band, however, maintained its flexibility under the same conditions. It bent but did not break.

Inherent resistance

In long-term use of furniture, colour durability is a critical factor. Fading of colours on surfaces exposed to sunlight or fluorescent lighting is a serious issue. In this test, an outdoor simulation was performed using a xenon arc lamp, with temperature and humidity kept constant.

Both products were placed in a UV test device for 72 hours and evaluated. The printed cheap edge band turned yellow, and in the unprinted white edge band, the colour change became visibly noticeable.

Spectro-photometer measurements showed that in cheap products, especially the white sample, the colour difference ΔE value was found to be 2.7.

The quality product, however, showed high lightfastness and retained colour. The measured colour difference ΔE value was only 0.3.

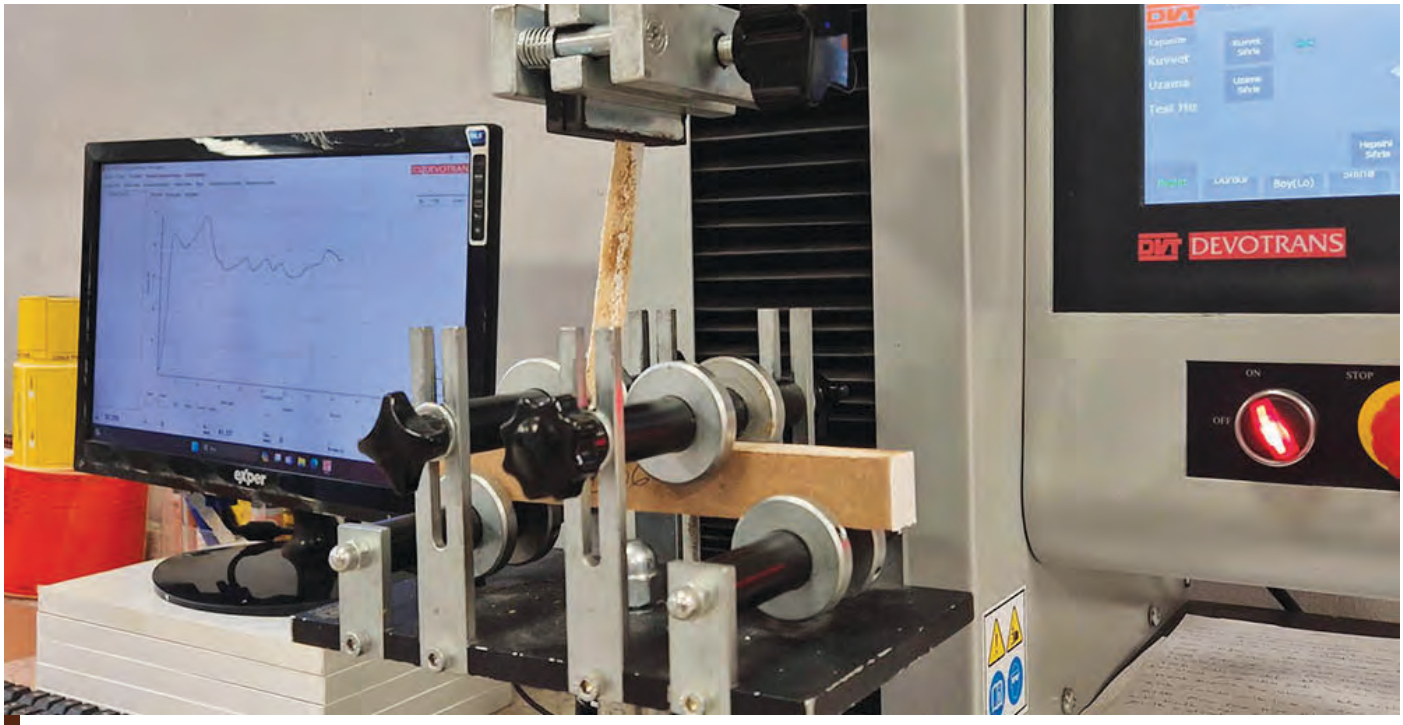
Chemicals used during cleaning can cause colour bleeding and dullness on weak surfaces. Glossmeter measurements taken before and after the test showed dullness on the surface after applying chemicals.

When bleach was applied to the surfaces the cheap edge band showed significant dullness and paint fading. In the quality product, however, no change was observed on the surface.

Cheap products may seem attractive at first glance. Although they may appear as savings in the short term, in the long run, they cost more due to labour loss, risk of malfunction, aesthetic problems, and customer dissatisfaction.

Edge banding is not just a plastic strip; it means quality, continuity, and production safety. Quality production is sustainable success.

Products that look similar on the surface may have completely different internal structures. What matters is not what is bought cheaply, but what lasts long and is of high quality. As a result, one must consider not only the price but also the quality. (Courtesy: www.tece.com.tr)



Spectro-photometer measurements showed that in cheap products, especially the white sample, the colour difference ΔE value was found to be 2.7.

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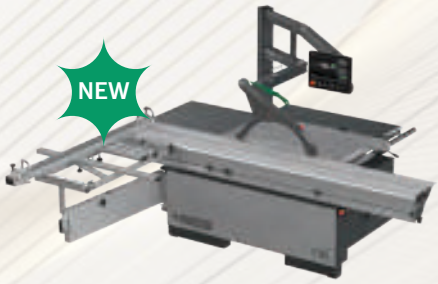

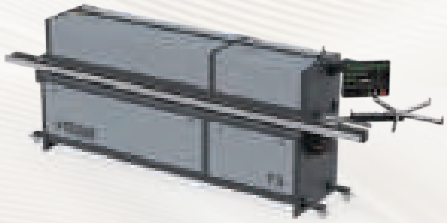

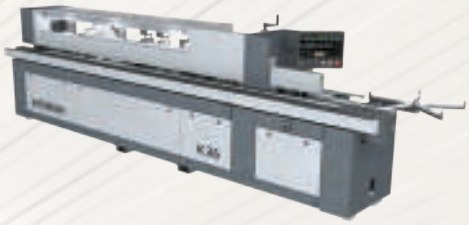

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HMPO adhesives: is this the right option for India?

FEDERICO FASAN

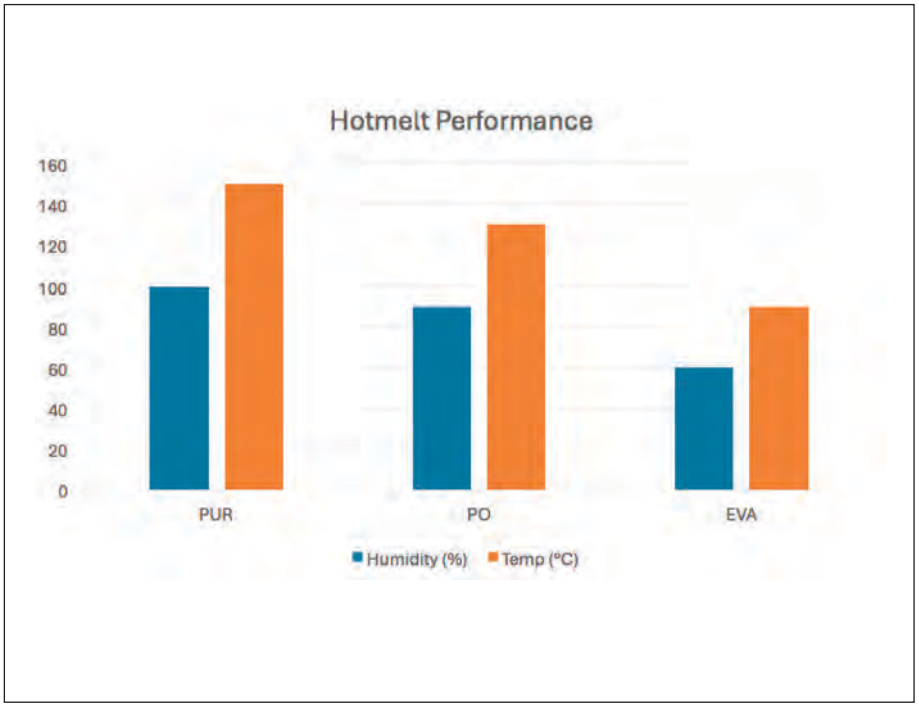
Hot-melt ethyl-vinyl acetate (HMEVA) is the most popular thermos-plastic adhesive used in edge banding machines. There is now a marked shift to hot-melt polyurethane (HMPUR) for better glue line, higher heat resistance and, most importantly, a waterproof joint.

But the switchover needs a steep learning curve. Additionally, special equipment will be required to ensure smooth operations. On the other hand, hot-melt polyolefins (HMPO) are ignored, mostly due to lack of awareness.

HMPO is also a thermos-plastic adhesive which offers very high heat and moisture resistance, but without the need for special equipment.

The technical datasheet of each product gives information on multiple characteristics. Pay close attention to the ring and ball (softening) temperature, operating temperature, and recommended feed speeds. The connection between the three critical performance criteria is explained below:

- Ring and ball (R&B) temperature: This is the "softening point". It's the temperature where the glue stops being solid and starts to flow. The connection: high R&B equals high heat resistance. If a shutter is installed above the hob, a low R&B glue will soften, and the edge might peel off earlier.
- Open time/ machine speed: Open time is the "working window" you have before the glue sets and viscosity increases. Your 'glue open time' must match your machine feed speed. Ideally the temperature between glue roller and first pressure roller must be 15-20 °C higher than the R&B temperature. Lower temperature will lead to higher viscosity and hence the bonding will not happen.
- Mismatch risk: If your machine is slow but you use a 'short open time' glue, the glue will set before the pressure roller hits it. If your machine is very fast (30 metres per minute and above) and you use a 'long open time' glue, then the glue will still be wet by the time it passes the pressure rollers.



The showdown

HMEVA is the standard workhorse. It is best for general-purpose furniture, standard dry areas. It has moderate heat resistance (~75°C to 85°C). While HMEVAs are easy to use, cost-effective and come in multiple variants, they have lower heat and moisture resistance.

HMPOs, on the other hand, are a high-performance upgrade. They are best for kitchens, bathrooms and high-heat environments. Their superior heat resistance (~100°C to 130°C) gives HMPOs excellent thermal stability (no burning in the pot), thinner invisible glue line and higher yield (less glue needed).

Moving to HMPOs is the easiest way to upgrade your quality without buying a new machine. It offers near-PUR performance with the ease of EVA.

– The writer is Sales Director at Italy's Unicol Srl, manufacturer of eco-friendly industrial adhesives, including those for wooden furniture.

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Wood staining 101

There's no substitute for the richness of stained wood, but as both amateur and professional woodworkers know, the process can be particularly intricate due to the varied properties of different types of timber.

The substrate of wood simply refers to the layers of its surface. Timber will have a range of different properties and, when it comes to staining, these will affect the way it absorbs the stain, how it will look when complete, and the type of treatment that will be necessary prior to staining and afterwards.

When it comes to choosing the right colour, things can get tricky and how the overall finish turns out will be influenced by a wide range of factors. However, when looking for advice on colour choice, a good starting point is to investigate the type of timber that will be used.

Softwoods: There are several types of softwood that can often absorb stains too quickly or unevenly, most notably pine, fur and poplar. In cases like this, you will want to apply a light coat of wood sealer and allow this to dry before proceeding.

To ensure the colour choice is correct, be sure to test your stain out on a hidden area before going ahead with the entire piece.

Dark woods: When it comes to dark woods like teak, sapele or types like oak, whose grain figure tends to stand out, you should opt for lighter stains. These tend to emphasise the natural colour of the wood, rather than radically transforming it.

Light woods: Expect the likes of birch to experience a significant colour change when stained. While this can work wonders in accentuating the vibrancy of an interior design project, beginners can often be over-adventurous when it comes to their colour choices.

One key tip is to consider matching the surface of your timber with the natural shades of darker woods or use more vigorous colours during the project.

Whether you choose to stain is a personal choice, but some woods typically look better when left with their natural colouring. When it comes to the likes of cherry, maple, mahogany, rosewood and even aged pine serious consideration is required before going ahead. As a rule of thumb, if you're unsure whether staining would improve the look of your timber, simply steer clear!

In some cases, applying finish to the wood will darken its colour, bringing out the natural highlight of the grain. As such, it is well worth applying finish to an inconspicuous zone to check if you like the way it looks without staining.

Choosing stain

There's a wide range of stains on offer and some are even combined with sealers to hasten the staining process. However, some are better than others and it is well worth expending some effort in the planning stages to prevent disasters down the line.

The first step is to consider the finish that will be used. While most finishes and stains will play nice together, if you're using polyurethane (PU) varnish, you may encounter problems with certain stains.

When it comes to staining, your choices are many and varied, but some of the most popular options include:

- Pigmented oil stains are typically non-penetrating (they will not work their way deep down into the substrate's inner layers) and are made up of a mix of pigments and solvents. While they offer great value on the cost front, they can often mask the grain pattern of woods that aren't especially open or prominent.
- Penetrating oil stains are probably the most popular option among beginners because these mix solvents with dyes and are very easy to apply. However, in many cases it can be difficult to ensure even penetration of the substrate. That is why there are best reserved for softwoods like pine, or cases where you only want to slightly darken a close-grained hardwood.
- Varnish stains mix dyes with varnish and are great for the non-visible parts of your project. They're cheap and, once applied, you won't need to finish your wood any further.
- Organic stains are generally used by only the most experienced woodworkers. They're crafted from organic bases – such as tobacco, roots, berries and even tea – and can be used to treat pine and other types of timber.

If you are looking for advice on any aspect of your furniture staining and interiors projects, visit www.internationaltimber.com.

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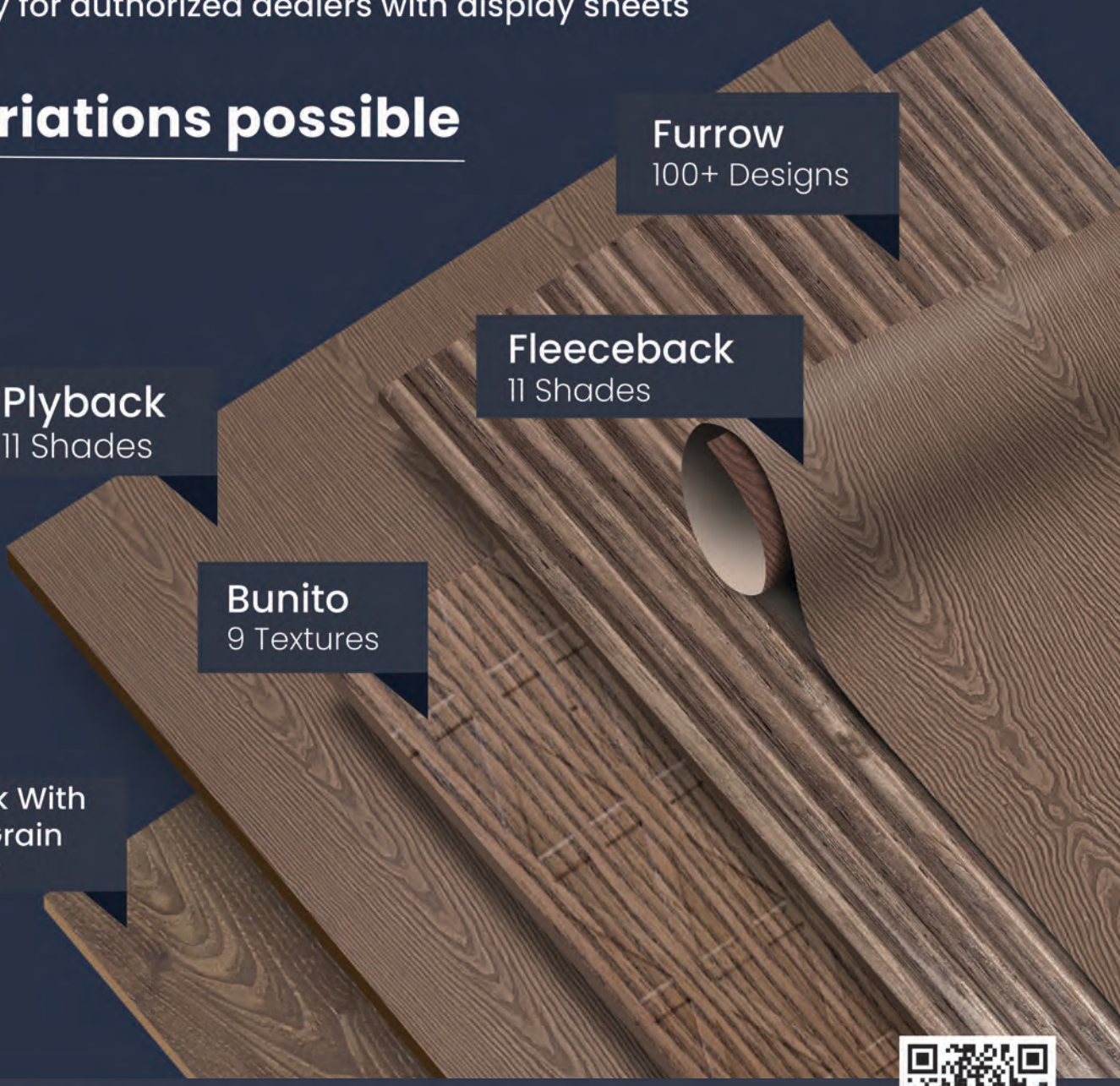

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Soft-form edge banding: new aesthetics, functions

PRAVEEN DHORE

In the woodworking industry, soft forming machines are game changers, mainly for office furniture and kitchen manufacturers. They are mainly used to process panels with formed or special-shaped edges.

For example, J-shaped, L-shaped, 45-degree oblique straight edge, duckbill type and other conventional handle-free edge banding can all be achieved with a soft-formed edge banding machine.

At present, handle-free design is very popular in custom-made home furnishings, with many styles, but edge banding is not easy to achieve. Soft-formed edge banding machines can solve the problem of edge banding of special-shaped edges.

These machines are equipped with formed pre-milling unit, high-speed cutting of the formed surface, and it is convenient to change their tools. Usually, one machine can meet a variety of edge banding needs, greatly reducing investment and improving processing quality and efficiency.

One of the key advantages of soft forming edge banding machines is their ability to produce smooth, seamless edges without the need for additional finishing processes. Traditional edge banding methods often result in visible seams or edges that require sanding or other finishing techniques to achieve a flawless appearance.

With soft forming technology, however, edges are bonded with precision and uniformity, eliminating the need for extra work and saving valuable time and resources.

Moreover, soft forming edge banding machines offer unmatched versatility in terms of materials and finishes. Whether working with wood, plastic, or composite materials, these machines can apply edge banding with ease, accommodating a wide range of thicknesses and textures.

Additionally, a variety of finishes, including matte, glossy, and textured surfaces, can be achieved to suit the specific aesthetic requirements of each project.

Beyond their technical capabilities, soft forming edge banding machines also streamline the woodworking process, increasing productivity and reducing waste. By automating the edge banding process, these machines eliminate the need for manual labour, allowing craftsmen to focus their time and energy on other aspects of the project. Furthermore, the precise application of edge banding reduces material waste, resulting in cost savings and environmental benefits.

The impact of soft forming edge banding machines extends beyond the workshop, influencing the broader landscape of design and architecture. With the ability to create intricate and customized edge profiles, designers are empowered to push the boundaries of creativity, incorporating curved edges and organic shapes into their creations.

This newfound freedom opens a world of possibilities for architects, interior designers, and furniture makers alike, inspiring innovative and visually stunning designs.

Soft-forming edge banding machines represent a quantum leap forward in the field of woodworking technology. With their unmatched precision, versatility and efficiency, these machines are revolutionizing the way craftsmen approach edge banding, enabling them to achieve unparalleled levels of quality and craftsmanship.

As the woodworking industry continues to evolve, soft forming technology promises to play a central role in shaping its future, driving innovation, and pushing the boundaries of what is possible in woodworking design.

– The writer is CEO of Pune-based Aadhunik Woodworking Machines.

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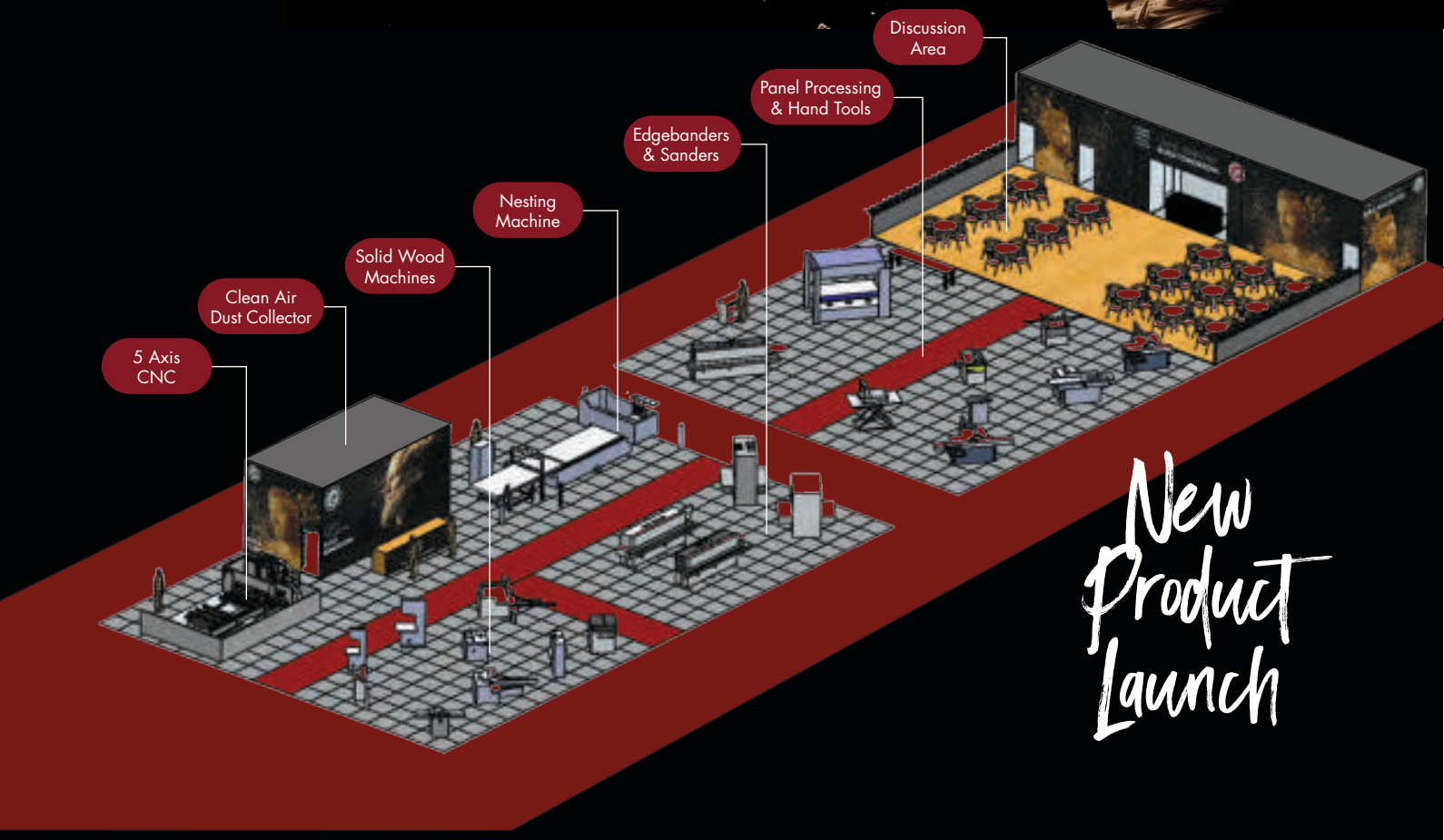

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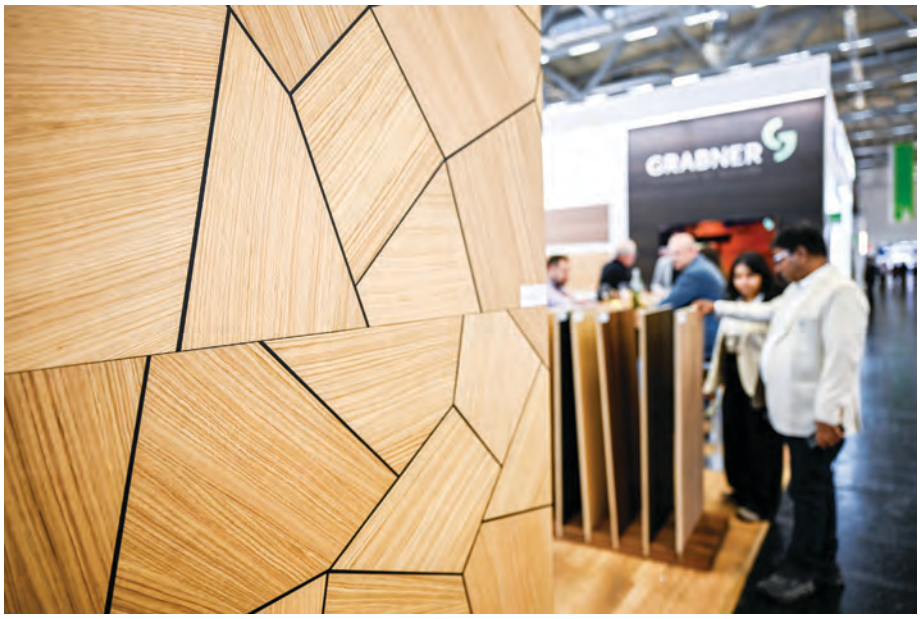

Pidilite Premier Circle (PPC) stands as one of Pidilite's flagship dealer engagement initiatives, designed as an exclusive, trip based loyalty programme for its valued joinery customers.

The core objective of PPC is to strengthen relationships and reward high performing partners through immersive, curated travel experiences that combine global exposure, learning and networking.

This year's Platinum category trip is set against the vibrant design landscape of Italy, featuring a marquee visit to the world renowned Salone del Mobile fair, an international benchmark for creativity, interior design innovation, and furniture craftsmanship.

Through curated sessions, expo walk-throughs, and interactions with global design leaders, participants will gain first-hand insight into emerging trends shaping the future of living and woodworking spaces.

Complementing this, the Gold category trip will take customers to Interzum China, one of Asia's most influential exhibitions for furniture manufacturing and interior construction. Both destinations are designed to provide a broad view of global woodworking advancements through visits to trade expos, industry sites, and expert panel discussions.

PPC aims to inspire customers by exposing them to cutting-edge technologies, materials, and processes from around the world, while also offering memorable shared experiences, cultural immersion, and networking with peers. Together, these journeys reflect Pidilite's commitment to enabling growth, learning, and sustained partnership with its joinery ecosystem.

Evolve

Pidilite has always believed that growth is most meaningful when it is shared. As customer needs evolve with changing applications, scale and expectations of performance, Pidilite has evolved in step, moving beyond being just a material supplier to becoming a solution partner.

Innovations like Fevicol SWR MAXX reflect this philosophy clearly. Designed to deliver superior water resistance, faster setting and consistent performance, SWR MAXX enables joineries and OEMs to upgrade quality without compromising productivity.

It empowers customers to confidently address premium projects, tighter timelines, and demanding environments, helping them move up the value curve while staying competitive.

This partnership-driven evolution is even more evident in the Fevicol BWP D4 system, supported by Pidilite's in-house Pengroove machine. By integrating chemistry with application technology, Pidilite has solved long-standing challenges around consistency, dependency on skilled labour, and process variability in D4 bonding.

The result is a robust, repeatable system that enhances bonding reliability while improving shop-floor efficiency. Through such end-to-end solutions, Pidilite is not just launching new products, it is co-creating the future of woodworking with its customers, enabling them to evolve their

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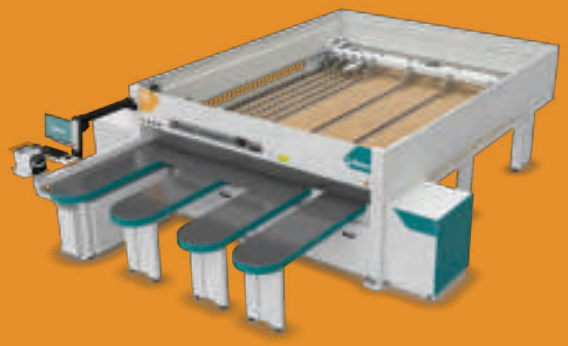
Rover Cut Go S F



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Execute

Pidilite recognizes that the evolution of India's woodworking and modular furniture industry demands not just advanced materials but also a highly capable and well-trained workforce. As factories adopt new substrates and faster production cycles, the skill readiness of operators becomes central to delivering consistent quality and value.

This understanding led the company to design the Shop Floor Module, a specialised skilling initiative that brings practical, hands-on training directly to the heart of factory operations. Through this programme, Pidilite aims to bridge the capability gap it sees across workshops and production units, ensuring that the people who bring its solutions to life feel confident, knowledgeable and empowered.

Through focused, high-impact sessions conducted inside factories, Pidilite's technical and regional teams work closely with operators to strengthen their understanding of correct application methods, modern adhesive technologies, safety discipline and substrate compatibility.

Each workshop is crafted to deliver immediate, actionable value, enhancing productivity, reducing failures, and elevating the overall workmanship of partner units. The company's commitment remains clear: to uplift the operator community and strengthen the industry from the ground up, because when workmen grow, factories grow, so does the joinery ecosystem.

At Pidilite, our focus is simple: when our partners evolve, the industry evolves. This journey reflects our commitment to grow capabilities, not just products.

H.S. Manikandan,
Marketing Chief for Joineries, Pidilite Industries

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Blum's Global Customer Benefits : Strengthening India's Woodworking Ecosystem

Step into a contemporary Indian home today and the shift is unmistakable. Homeowners are more informed, designers are more demanding, and manufacturers are working under sharper expectations than ever before. Across design studios in Mumbai and advanced workshops in Bengaluru, the Indian woodworking and furniture manufacturing industry is rapidly aligning itself with global benchmarks while simultaneously adapting them to local realities. Performance, longevity, and refined user experience are no longer optional. They are essential.

At Blum India, this change has sparked a deeper evaluation of what leadership truly means in a market that is evolving so quickly. Being a global leader in furniture fittings today cannot be measured solely by scale or reach. It must be defined by how closely a brand supports the people who design, manufacture, install, and live with furniture every day. This thinking lies at the heart of Blum's Global Customer Benefits philosophy.

Rather than a corporate slogan, the philosophy is a practical framework that guides product development, pricing decisions, and industry engagement. The objective is to reduce friction at every stage of the furniture lifecycle—from manufacturing and installation to everyday use in the home. If it is Blum, it simply works. That assurance allows carpenters to install with confidence, manufacturers to deliver consistent quality, and end users to experience smooth, silent motion long after the project is completed.

SCALING QUALITY THROUGH THE STRATEGIC TANDEM PRICE SHIFT

In premium interiors, attention is often drawn to visible elements such as surfaces, finishes, and materials. Yet the real measure of quality is found in components that remain hidden but are used daily. Drawer runners are a defining factor in how furniture performs over time, influencing both functionality and perceived value.Blum's TANDEM drawer runner system has long been recognised for its effortless, smooth movement in wooden drawers. Now, Blum India has implemented a permanent strategic price revision for TANDEM channel solutions across the Indian market.

This decision is aimed at supporting business growth across the value chain by making proven, high-performance technology more accessible.

By removing cost barriers, Blum enables manufacturers, OEMs, and interior professionals to offer a premium motion experience as a standard feature rather than an upgrade.

This shift helps improve product consistency, reduce service issues, and strengthen brand reputation in a competitive market. As high-quality motion becomes the norm, businesses are better positioned to meet rising customer expectations without compromising on margins or reliability.

SUPPORTING THE HANDS THAT BUILD : THE BLUM CLUB APP

Even the most advanced hardware relies on skilled hands for its final performance. India's woodworking ecosystem is powered

by carpenters and contractors who operate in demanding site conditions and tight timelines. Recognising their critical role, Blum has introduced the Blum Club app—developed specifically for carpenters and contractors.

The app simplifies the process of earning and redeeming rewards. Users can scan product codes to collect points with every purchase and redeem them through e-vouchers, curated gifts, or direct bank transfers. A structured grading system allows members to unlock higher rewards over time, while joining bonuses and referral incentives encourage participation. The app also offers access to current promotions, personalised offers, and in-app support. Blum Club is designed not just as a loyalty initiative, but as a long-term engagement platform that acknowledges craftsmanship and rewards consistency, skill, and brand loyalty.

SHAPING INDUSTRY CONVERSATIONS AT INDIAWOOD 2026

For the B2B woodworking community, trade exhibitions remain a vital platform for learning, networking, and strategic planning. INDIAWOOD 2026 in Bengaluru is one such defining event, bringing together manufacturers, OEMs, and industry stakeholders from across the country.Blum's presence at the exhibition is being developed around interaction rather than static product display. The booth is envisioned as a functional, hands-on environment where visitors can experience product performance in real time and explore how Blum solutions integrate into modern production workflows. Beyond showcasing innovation, the space is intended to facilitate meaningful conversations around efficiency, scalability, and future-ready furniture manufacturing. For businesses planning their next phase of growth, INDIAWOOD 2026 offers an opportunity to engage with solutions that address both present challenges and long-term industry shifts.

A SHARED COMITMENT TO BETTER HOMES

Blum hardware is engineered to deliver benefits at every level of interaction. From manufacturing floors and installation sites to the everyday routines of end users, the focus remains on reliability, precision, and longevity.

Guided by the Global Customer Benefits philosophy, Blum continues to invest in technology, accessibility, and partnerships that strengthen the Indian woodworking ecosystem.The goal is not merely to supply components, but to support better manufacturing, enable skilled craftsmanship, and contribute to the creation of high-quality Indian homes built to perform today and endure for years to come.

For more details, please visit : www.blum.com

Romanian factory hits 'automation' for productivity

Cefla Finishing supplied WIP Industries with iGiotto articulated robots to enable fully automatic 'stacked edge' coating.

Founded in 2013, WIP Industries Romania is part of the WIP Group, a Swedish business based in Aseda. Right from the start, WIP Industries has worked in close collaboration with its sibling subsidiaries, making and finishing cabinet drawers.

These drawers are subsequently used to create various furnishing accessories such as bedside tables and chests of drawers. At present, the company employs 230 people working in two factories with a combined floorspace of 35,000 square metres.

Following a surge in demand, WIP Industries needed to install automated spray and roller coating lines in a new factory. But there was a problem: the company had no experience with automation and literally had to start from scratch.

A partner was therefore needed: one who could not only deliver reliable high-performance technology but also provide close support to ensure proper implementation of the purchased solutions.

At present, WIP Industries can count on fully automated production lines supervised by specialised workers. Overall, the facilities produce, process and package approximately 8 million sets (24 million pieces) per year.

"These lines cut, wrap and process the items. Finished parts are shipped to intermediaries, or are packaged directly for delivery to end customers," explains Mats Holmgren, General Manager of WIP Industries Romania.

He also points out how things changed drastically in 2023, when the company signed an agreement to produce lacquered furniture. "Since this was a multi-year contract, we needed to build a new specially made factory, with a surface area ofapproximately 22,000 cubic metres".

Pole position

WIP Industries therefore needed to acquire latest-generation

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machines to complement or completely replace manual processes with automatic spray and roller coating systems.

"We therefore turned to Cefla Finishing, who helped us install two specialised lines, thanks to which we have significantly increased the quantity and, above all, the quality of the products we make," points out Holmgren.

The first line spray-coats the edges of the stacked panels: thanks also to integration with an automatic sanding system and special areas for inspection and manual finishing, this allows all sides of a stack of panels to be sanded, coated and dried every 150 seconds.

The second roller line adapts the coating processes to the needs of the plant perfectly, including the way shifts need to be organised. Holmgren defines this solution as 'state-of-the-art' and adds that it will "give us peace of mind for many years to come."

'Stacked edge'

Cefla Finishing supplied WIP Industries with iGiotto articulated robots to enable fully automatic 'stacked edge' coating. At the same time, a series of Smartcoater PRO roller coating machines were installed: these can process items of different shape and thickness, as well as panels with varying degrees of deformation.

All, of course, with a focus on simplicity and efficiency; operating parameter settings needed to be easily accessible and allow immediate savings in terms of time and materials while improving coating quality.

Thanks to the partnership with Cefla Finishing, WIP Industries soon succeeded in starting up the lines in the new factory. What's more, they also built up the know-how needed to organise production,

The series of Smartcoater PRO roller coating machines can process items of different shape and thickness, as well as panels with varying degrees of deformation.

allowing them to make the most of a technology that, until then, they'd never used.

More specifically, the installed machines allow for optimal edge coating, helping WIP Industries improve the appearance of their products, provide personalised finishes and ensure better durability and waterproofing.

Adding value

To maximise flexibility, the roller line supplied by Cefla Finishing consists of a succession of applicator machines, sanders and UV ovens. This architecture has the advantage of allowing line customisation according to specific requirements.

That, in turn, ensures maximum flexibility, essential in third-party finishing set-ups (as with WIP Industries) that that need to transition from one colour or thickness to another without lengthy downtimes.

Furthermore, the coating line incorporates a roller printing machine to create wood effects etc. starting with a base colour that's prepared using the previous machines incorporated on the line.

Efficiency, user-friendliness, accessibility and control are, top priorities for this Romanian company, which succeeded in configuring the machines even though their workers were inexperienced. Easy access to the equipment allowed the initially unqualified staff to perform maintenance and cleaning tasks quickly.

Moreover, control of the coating process has been simplified (allowing assessment of both coating consumption and quality of workmanship), making it extremely fast, allowing any parameter adjustments to be made in the shortest time possible.

Holmgren underlines the importance of the partnership with Cefla Finishing. Despite the geographical distance, Cefla consultants have always communicated effectively, allowing WIP Industries to get the best from the installed machines.

Even without any prior experience with such solutions, the relationship has gradually gone from strength to strength, allowing the company to master innovative spray and roller coating techniques.

"The relationship with Cefla Finishing has steadily evolved to allow us – who had no experience in automatic spray or roller coating techniques – to discover and use all the potential of latest-generation finishing solutions," Holmgren adds.

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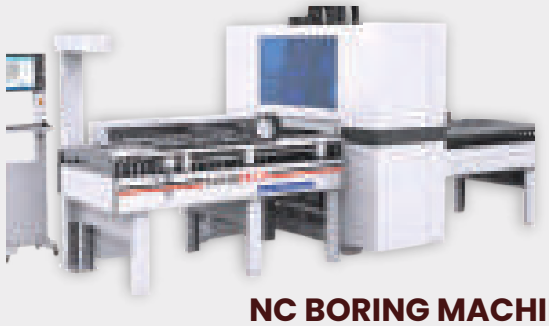

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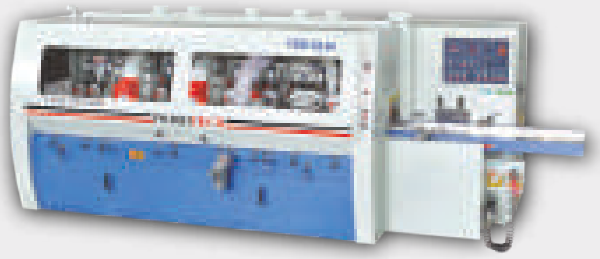

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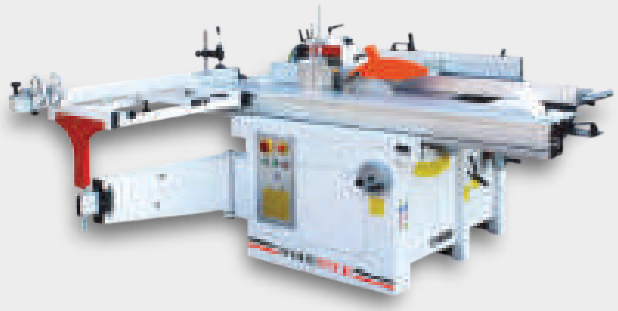

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Lab1 revolutionises construction with Lamello

Lab1, a Croatian company, has dedicated itself to the most important place in the home: the kitchen. With the integration of artificial intelligence (AI) in all areas of the company and Lamello's advanced connection technology, Lab1 stands out as a pioneer that combines efficiency and quality under one roof.

Lab1's 20-strong crew specialises in the production of bespoke kitchens. The company not only offers kitchens, but also the matching electrical appliances. The finished kitchen can either be assembled by the customer or professionally installed by Lab1.

The company has been using AI in all areas for about a year. The kitchen configurator developed by the software department uses AI to instantly calculate the price of kitchen that has been designed by the customer. AI also responds to customer enquiries in real time, greatly alleviating communication.

In 2011, Dragan Ladić founded the company Lab1, which stands for 'Laboratory for design, decoration, furnishing and interior construction'. He has been managing the company together with his life and business partner Senada Deari, who has played a central role in the company's development and has been responsible for interior design.

Driving force

Lamello is a decisive partner for Lab1 on this revolutionary journey. Dragan received his first Classic X biscuit joiner from a good friend, kickboxing training buddy and Lamello sales representative.

The standard range includes connectors from the P-System: Clamex, Tenso and Divario. "Another reason why we use Lamello connectors is the ease of assembly and the fact that we can deliver the parts flat-packed," says Dragan. "We show a new employee how the joint work. After 2 hours they can apply it themselves. It's that simple!"

Five years ago, production using the Cabineo and nesting connector on a Biesse Skipper began. This connector is now used in 95% of all joints. The company uses around 20,000 units per month. The Cabineo enables Lab1 to produce its furniture in record time.

The first Classic X biscuit joiner from Lamello includes connectors from the P-System: Clamex, Tenso and Divario.

"We value our time and that of our customers very much. If we have the material in stock, we can make a kitchen in 2 days. Thanks to Lamello connectors, we work efficiently as we do not need to use clamps. This saves a lot of time," Dragan says happily.

Digital transformation

How did the use of AI come about? "We had a new, very young employee who was originally hired to clean the floors. I learned that he was crazy about programming. He was tasked with developing another function for our Corpus program," Dragan recalls. "It worked flawlessly and was a great benefit to Lab1. Gradually, all the departments were connected digitally."

Besides interior kitchens, Dragan also produces outdoor kitchens. Made from

weather-proof materials, they can withstand Croatian weather with sun, snow and sea air.

What's special about the kitchens is that they don't have a roof, making it possible to cook under the open sky. "Especially in the seaside regions, it is very popular to cook under the open sky. Every villa and apartment want this product, and demand is constantly increasing," says Dragan with a wink.

A young employee developed the AI function on Corpus program, digitally connecting all the departments.

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Sweden protects old trees for biodiversity

Basal stem burning uses a 'portable fire', developed by Retrå Resource Operations, at the tree's base to produce a partial burn scar. It prompts a resin-based defence, making wood highly resistant to rot.

The forestry sector is undergoing a shift in how it approaches environmental responsibility, moving from largely passive conservation to more active, hands-on methods. Leading this transition is Svenska Cellulosa Aktiebolaget (SCA), one of Europe's largest private forest owners, which has significantly refined its conservation strategy in Sweden.

The company – a Swedish timber, pulp, and paper producer based in Sundsvall – is now placing greater emphasis on proactive ecological measures, grounded in the belief that active forest management can directly support ecological improvement and add value to traditional protection models.

For decades, conservation in Swedish forestry has relied mainly on setting aside areas from harvesting, either formally through nature reserves or through voluntary forest exclusions.

While these remain essential, SCA is now pursuing an integrated approach. It currently manages five large biodiversity parks that combine protected zones with active forestry methods intended to sustain natural, cultural, and social values.

This landscape-wide framework has created an ideal testing ground for more targeted conservation actions. Ola Kårén, Head of Forest Management at SCA, notes that this approach complements protected areas by allowing the company to take purposeful steps rather than only maintaining set-aside sites. He adds that timely intervention can provide nature with much-needed support and that this will be a greater focus going forward.

The aim is not only to safeguard existing features but to deliberately increase the number of old, biologically valuable trees and enhance the ecological quality of the surrounding forest.

Prominent methods

Two of the most prominent methods in this proactive strategy are "veteranisation" and basal stem burning. Both techniques accelerate aging in selected trees, encouraging features typically found in very old or naturally disturbed forests. They mimic the effects of low-intensity forest fires, once common in Sweden but now rare after a century of fire suppression.

'Veteranisation' involves creating controlled wounds on a living tree, often by removing a strip of bark from the trunk using a cutting tool or chainsaw. Extending from the base up to two metres and measuring 10-30 cm in width, this injury triggers a biological response in which the tree releases resin to protect the area.

The resin impregnates the wood with tar-like substances, slowing growth and forming denser, hardened "fatwood", historically prized for tar production.

Basal stem burning uses a small, managed fire at the tree's base to produce a partial burn scar, prompting a similar resin-based defence. The resulting wood becomes highly resistant to rot.

This is crucial for biodiversity: trees with these characteristics can survive for long periods and offer specialised habitats for wood-dwelling lichens, fungi and insects, including red-listed beetles that rely on fire-scarred, resin-rich wood.

Ola says that such trees play an important long-term role in supporting species dependent on these conditions and points out that fewer natural fires mean these features no longer appear on their own. He adds that this is where active forestry can compensate by creating more of these ecologically valuable trees.

SCA, among the earliest major forest companies to implement a comprehensive conservation framework, is now preparing to scale up these measures as part of routine practice. The goal is to coordinate them with existing harvesting operations to maximise ecological return. All harvesting areas already require the preservation of individual trees, clusters, and buffer zones.

For more information, write to: info@sca.com.

SCA manages five large biodiversity parks that combine protected zones with active forestry methods intended to sustain natural, cultural and social values.

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Rethinking wood protection in timber construction

JANNIS STADTMANN

Wood remains a key material in modern construction thanks to its natural appeal, technological properties and versatility. Its susceptibility to fungi, insects and weathering has traditionally been addressed with chemical preservatives. Today, around one quarter of all biocides produced are used in the construction sector.

These biocide-based treatments are effective but problematic: their ingredients not only kill harmful organisms but also beneficial ones. When brought into the wood, they cannot prevent toxins from leaching into the environment. Restrictions already prohibit their use in sensitive applications like apiaries, saunas, and areas near water bodies.

When treated timber is exposed to the weather, toxic substances inevitably migrate into the soil and groundwater. This poses risks to humans, animals and ecosystems. The long-term effects are often unknown, and changes in classification driven by sustainability concerns can lead to remediation measures that can be expensive.

For manufacturers and their clients (property owners), this adds a dimension of economic uncertainty to environmental concerns.

What's 'silicification'?

One promising alternative to conventional, biocide-based treatments of timber components is silicification, a purely mineral-based treatment that hardens the wood surface and increases durability without toxic additives.

Silicate minerals penetrate the wood, creating a hardened, "fossilized" surface. The mineral's alkaline environment suppresses fungi and algae growth, and pests such as termites find the treated wood unpleasant.

No biocides are necessary, and the surface remains open to diffusion. Silicified wood offers several advantages for protecting timber constructions:

- Effective biological resistance without biocides or heavy metals.
- Improved fire behaviour, with reduced flammability and smoke generation.
- Durable protection even under outdoor exposure.
- Compatibility with restoration activities: silicified surfaces can be recoated using mineral-based systems.
- High environmental compatibility, meeting the demands of green-building certification schemes.

Sustainable solution

With the Jordan Natureline, Jordan Lacke (a brand of Plantag Coatings) offers a highly sustainable wood preservative that not only protects wood, but also the environment. This ready-to-use, mineral-based wood preservative is ideal for indoor and outdoor use.

Jordan Nature-PUR and Jordan Nature-Colour provide effective protection against fungi and animal pests without biocides. They also improve the flame-retardant properties of wood. Due to their low-emission, mineral-based formulation, Jordan Natureline products meet the strict requirements for ecologic certification by the Eco-Institut label.

- Jordan Nature-PUR is mineral, solvent- and biocide-free wood preservative for indoor and outdoor use. It leaves no harmful substances in nature and is even approved for bat roosts.
- Jordan Nature Fire-Protect increases the fire resistance of untreated wooden components and achieves fire protection (class EN 13501-1 c-s1, d0), low flammability and low smoke emission.
- Jordan Nature-Colour is ideal for coloured wood preservation for indoor and outdoor use. The colours are based on mineral pigments, enabling individual colour design. Even card shades can be mixed with each other.

The application can be performed using either standard industrial techniques or manual techniques, such as brushing, rolling, spraying, dipping, or vacuum impregnation. Therefore, integration into existing workflows is uncomplicated.

The construction industry is under increasing pressure to balance performance with sustainability. Conventional biocide-based treatments can no longer meet these demands.

Silicification and mineral-based wood protection solutions offer a practical, future-proof alternative that is easy to use, ensures the longevity of timber structures, and contributes to a healthier environment. In short, sustainable wood protection is possible in practice.

– The writer heads International Business Development for Germany-based coatings specialist, Plantag Coatings. He can be contacted at j.stadtmann@plantag.de.

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Power Play

Gear up for Indian sub-continent's biggest woodworking tech-fest over 5 days at the Bangalore International Exhibition Centre

From 26th February to 2nd March 2026, Bengaluru will once again become the epicentre of the global woodworking and furniture manufacturing industry as IndiaWood returns to the Bangalore International Exhibition Centre.

Organised by NürnbergMesse India, the global summit for woodworking, furniture production and mattress manufacturing continues to strengthen its position. This year it is poised to be the largest edition in its history, playing host to more than 1,000 brands from more than 50 countries, displaying their products and services over 85,000 square metres of exhibition space – a 15% growth over the previous edition.

More than 90,000 visitors – furniture manufacturers and traders, material suppliers and service providers, architects and interior designers, alongside woodworking experts – are expected to attend the 5-day trade fair.

The scale and diversity of participation will reflect strong global confidence in India's manufacturing capabilities and align with the country's 'Viksit Bharat' vision. The event is further supported by Eumabois, the European federation of woodworking machinery manufacturers.

Industry trends

As the free trade agreement between India and the European Union moves forward – hailed by policymakers as the "mother of all deals" – it augurs well for India's woodworking and furniture sector by enabling greater market access to European markets.

The pact is expected to reduce or eliminate tariffs on a large majority of traded goods, boost exports of engineered wood products and components into the EU and facilitate smoother inflows of advanced machinery and industrial inputs. This will create positive momentum for exports, innovation, and international collaboration. These are the very areas where IndiaWood continues to play a facilitating role.

IndiaWood 2026 will spotlight a clear shift towards compact door and fitting systems,

enabling higher levels of precision engineering, optimised material usage and seamless integration into modern production environments.

Exhibitors will present advanced surface technologies alongside nature-inspired materials including woodgrains, veneers, rattan and fabric-look surfaces, addressing global demand for durability, consistency and design flexibility at scale.

Sustainability remains a core focus, with solutions centred on certified wood, bio-based adhesives, low-emission products, and responsible manufacturing practices aligned with international standards.

The B2B exhibition will also showcase acoustic and performance-driven interior solutions, catering to the evolving requirements of commercial and institutional applications.

Tech, knowledge

On the technology front, IndiaWood 2026 will feature automation-led manufacturing solutions, compact and upgradeable machinery, advanced CNC processing, and digital tools for production planning and integration, reinforcing the industry's transition towards Industry 4.0 and smart manufacturing.

These technologies are designed to enhance productivity, scalability and operational efficiency while supporting manufacturers in meeting both domestic and international demand.

A strong emphasis on Made-in-India, high-quality manufacturing positions the trade show as a platform where Indian production capabilities intersect with global technologies, materials, and best practices.

Strengthening the exhibition is Wood+ in Architecture & Design (W+AD), a focused day-long conference featuring curated keynote sessions and panel discussions, scheduled to take place on 27th February.

W+AD will explore the expanding role of wood in architecture, construction and sustainable design, fostering dialogue between manufacturers, architects and designers to align production capabilities with evolving application needs.

At IndiaWood, skill development remains a key pillar, with dedicated initiatives focused on enhancing workforce readiness and supporting the industry's transition toward globally competitive manufacturing standards.

Mattresstech Expo

Running concurrently with IndiaWood is the India Mattresstech & Upholstery Supplies Expo (IME), India's only dedicated B2B trade fair for mattress and upholstery production.

IME brings together more than 120 national and international brands, showcasing specialised machinery, materials and production solutions for the rapidly growing sleep and upholstery segment.

Coming up: ChennaiWood

In 2018, NürnbergMesse India acquired the woodworking portfolio, including IndiaWood, marking the transfer of 25 years of industry legacy. Since then, the brand has evolved into a strategic ecosystem, branching into high-growth segments through concurrent platforms.

The inclusion of IME and regional editions (MumbaiWood, KolkataWood and ChennaiWood) has created a hub-and-spoke approach that aligns with a furniture market that is projected to reach US$40 billion by the year 2030.

Today, the IndiaWood ecosystem spans the entire value chain, from machinery and manufacturing to surfaces, design and application, strengthened by platforms such as Index+, W+AD and Surfaces@Work, connecting production with design intent and market demand. For more information, visit www.indiawood.com.

IndiaWood 2026 represents the growing confidence, maturity and global ambition of India's woodworking and furniture manufacturing industry. As the largest edition to date, it reinforces India's position as a trusted manufacturing destination and a critical link in the global supply chain. The strong international participation and focus on technology, sustainability and skill development reflect the industry's readiness to scale and compete internationally.

Sonia Prashar,
Managing Director, NürnbergMesse India.

IndiaWood Venue Map

LEGEND

- Registration Counters 1 & 2
- Entry Gates 1 & 3
- Buggy Points - Main Entrance, Reg. Counters & Hall 5
- Food Court
- Metro Station
- Paid parking for 2 and 4-wheelers
- Medical Facility- Located near Reg 1 (Entrance Plaza)
- Halls 1A & 1B
- Halls 2A, 2B, 3A, 3B & 5 - Non-machinery
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IME enters its 10th edition

As India's mattress and upholstery manufacturing sector accelerates its shift toward automation, premiumisation and global competitiveness, the India MattressTech & Upholstery Supplies Expo (IME) 2026 is scheduled to take place from 26th February to 1st March at the Bangalore International Exhibition Centre (BIEC).

Organised by NürnbergMesse-India, the exhibition has evolved into a focused business platform for India's comfort manufacturing ecosystem. This year's edition is expected to welcome 8,000 business visitors, showcase more than 120 leading brands, and host participation from eight countries.

It brings together machinery manufacturers, raw material suppliers, component specialists and production decision-makers under one roof.

Currently valued at an estimated US$2.5 billion, India's mattress market is projected to grow at 7-9% CAGR over the next 5 years. The organised and premium segments are expanding at an even faster pace, driven by urbanisation, real estate development, hospitality growth and rising awareness around sleep health.

Consumer demand is steadily shifting from cotton and coir products to foam, memory foam and hybrid systems. Replacement cycles are gradually shortening, and manufacturers are investing in automation, advanced materials, and scalable production systems to remain competitive.

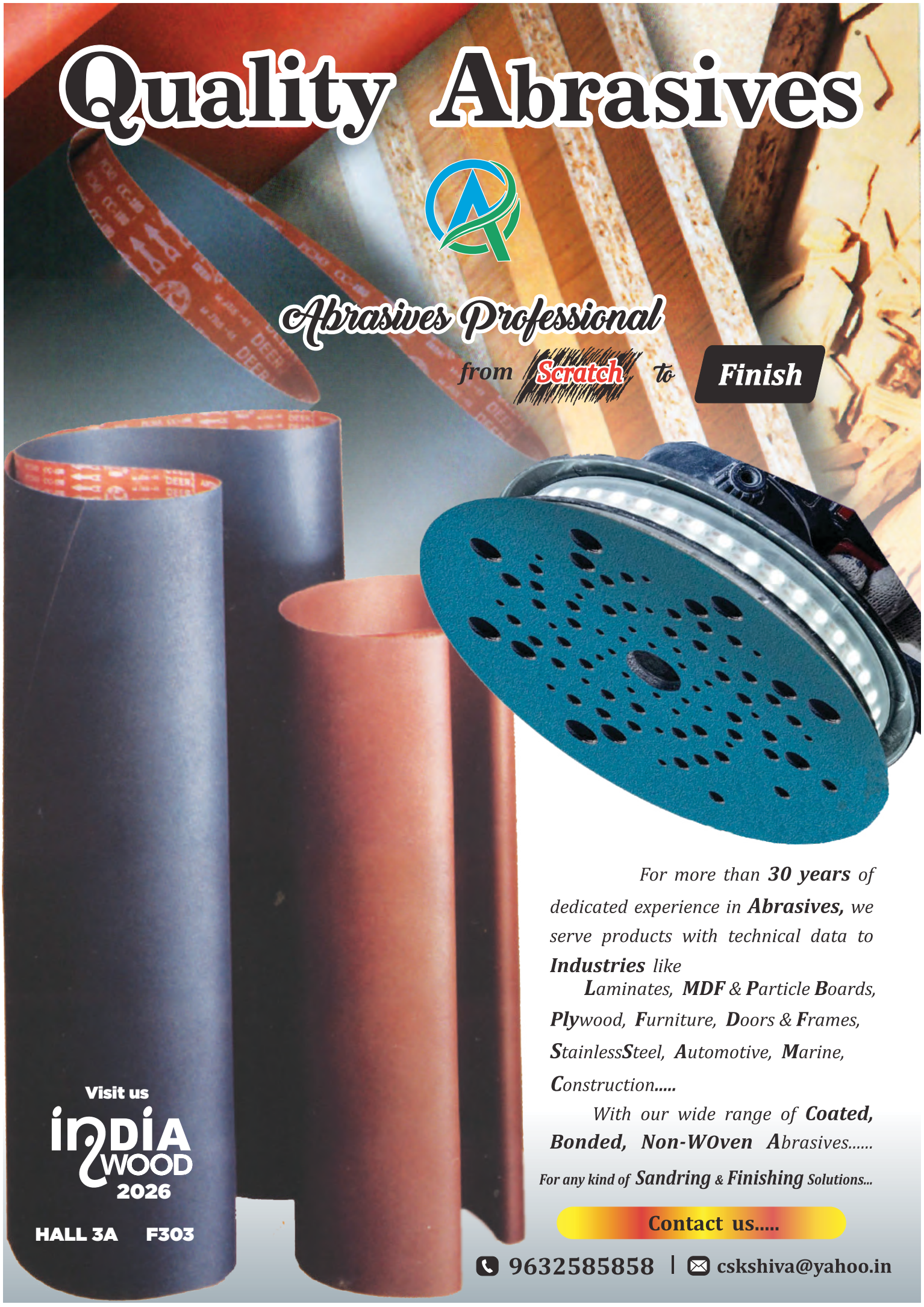
Over 10 editions, IME has mirrored the transformation of India's comfort manufacturing landscape from largely semi-mechanised operations to increasingly technology-driven plants. The 2026 edition will showcase the complete value chain, including:

- Mattress production machinery
- Quilting and finishing systems
- Foam, fabrics and raw materials
- Adhesives and components
- Upholstery production technology
- Packaging and automation solutions

With growing export interest from South Asia, the Middle East and Africa, manufacturers are focused on efficiency, consistency and international compliance.

IME provides a strategic environment for production heads, plant owners and procurement teams to benchmark technologies, evaluate suppliers and plan future investments.

Held concurrently with IndiaWood 2026, the exhibition enables cross-sector engagement between mattress, upholstery, woodworking and furniture manufacturing communities, creating broader sourcing and collaboration opportunities. For more information, visit: www.indiamattresstechexpo.com.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Felder showcasing precision machines

Precision, automation and surface excellence come together in the latest line-up from Felder Group, addressing the evolving needs of professional woodworking and furniture manufacturing.

From solid wood cutting and edge processing to surface finishing and CNC machining, the showcased machines are engineered for accuracy, efficiency and long-term reliability.

At the core of the presentation is the new Felder K 700 S sliding table saw, designed for uncompromising precision in demanding workshop environments. The machine features a precision saw aggregate with smooth saw blade tilting, exact angle settings and linear height adjustment.

Large 1,300-mm and 1,500-mm outrigger tables ensure stability when handling heavy or bulky panels. The swing-away overhead saw guard improves flexibility while enhancing operator safety.

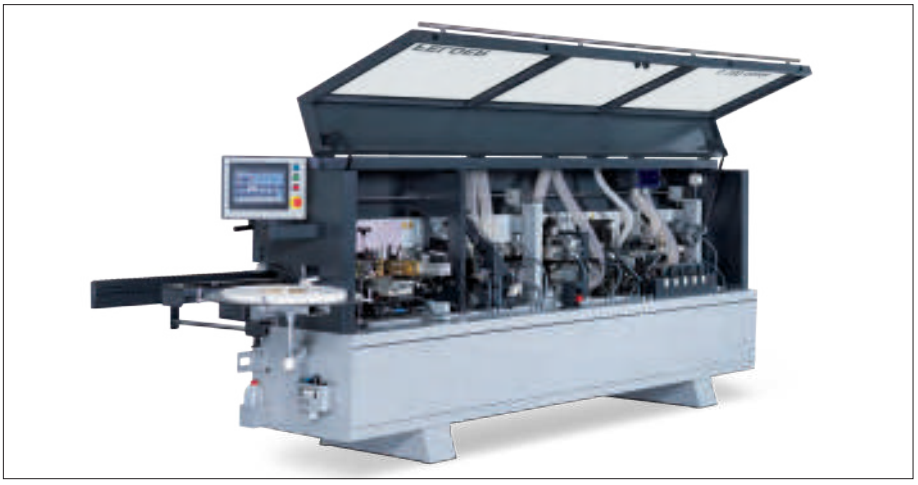
Long-term reliability is supported by a 6-year guarantee on the Easy-Glide tilting guide system and a 10-year guarantee on the Felder X-Roll sliding table system. Optional Power-Drive enables electronic blade height and angle adjustment accurate to one-tenth of a millimetre.

Edge processing requirements are addressed by the new Felder G 580 classic edge bander, engineered to deliver flawless results in a single work step. Touchscreen operation ensures ease of use, while the interchangeable glue pot system allows flexible processing of different edging materials.

Designed to handle both coiled and strip materials with edge thicknesses of up to 5 mm, the machine is equipped with a pre-milling unit and a corner rounding unit, ensuring clean edges and superior finish quality even in high-throughput applications.

Surface finishing efficiency is elevated with the Format4 finebrush 953 sanding machine. Configurable with three or five brush units, the machine supports coarse, fine, finish and intermediate lacquer sanding.

Each unit features two sanding grits, eliminating frequent grit changes, and improving productivity. Electrically adjustable infeed table height in 0.1 mm increments and optional roller table extensions ensure consistent results across varied workpiece sizes.



For advanced machining, the Format4 profit H350R 5-axes CNC machining centre delivers maximum versatility with minimal tool investment. A high-performance main spindle, 18 independent drilling spindles and an integrated grooving saw unit enable complex machining at every angle with short production cycles. The redesigned Format4 machine concept reflects a future-ready, single-supplier solution for professional workshops.

IMALPALGROUP

INDIA WOOD

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26 February - 02 March
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Stall no. J-426

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we get it done

Building the Future
of Advanced Coatings from India

About us

Founded in 2019 by technocrats from the National Institute of Technology (NIT) and the Institute of Chemical Technology (ICT), Teknovace embodies the new generation of India's speciality coatings industry—research-driven, innovation-focused, and globally oriented. Within a remarkably short span, the company has evolved from an emerging challenger into one of the fastest-growing enterprises in the paints and coatings sector, earning recognition from The Economic Times for its outstanding five-year growth performance.

TECHNOLOGY

Wide range of high-performance paints and coatings, including:

- UV and EB curing systems
- Water-based, solvent-based, and solvent-free formulations
- Polyurethane, epoxy, polyester, and emulsion technologies

Strong R&D capability supported by a team of 50 skilled technologists

Collaborations with multinational companies to ensure continuous product enhancement and access to advanced technologies

Commitment to green and clean manufacturing, resulting in:

- Low VOC (Volatile Organic Compounds) coatings
- Paints free from heavy metals such as lead, cadmium, and strontium

A Growing Manufacturing Powerhouse

With two state-of-the-art manufacturing facilities and nationwide network of branches, warehouses and technical service centres support a rapidly expanding customer base. With a 170+ strong team—many in R&D and technical support—the company continues to prioritise innovation and customer-led engineering.

Corporate Office & Factory

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Unit 2 - Gat No. 33, House No. 01, Barmukh Estate, Bedadohal, Maval, Pune 410 506.
Germany- Bernhard-Remmers-Str 13 49624 Löningen.

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Cuttack | Gwalior | Jodhpur | Meerut | Nagpur | Surat | Dehradun

A Transformative
Global Partnership with Remmers Gruppe SE

A major milestone in its journey is a landmark partnership with Remmers Gruppe SE, a global leader in wood coatings and construction chemicals. Remmers planned ₹300 crore investment for a 50.01% stake marks one of the largest foreign strategic investments in India's wood coatings segment.

The capital infusion will power significant expansion across manufacturing, technology and R&D, including:

- Scaling wood coatings capacity from 6,000 tonnes to 60,000 tonnes per annum
- Setting up an integrated UV coatings manufacturing facility
- Establishing an in-house resin manufacturing unit
- Building a greenfield construction chemicals factory
- Creating a global R&D centre in India, blending German technology with Indian innovation

REMMERS IS INVESTING
₹300 CRORE in Teknovace

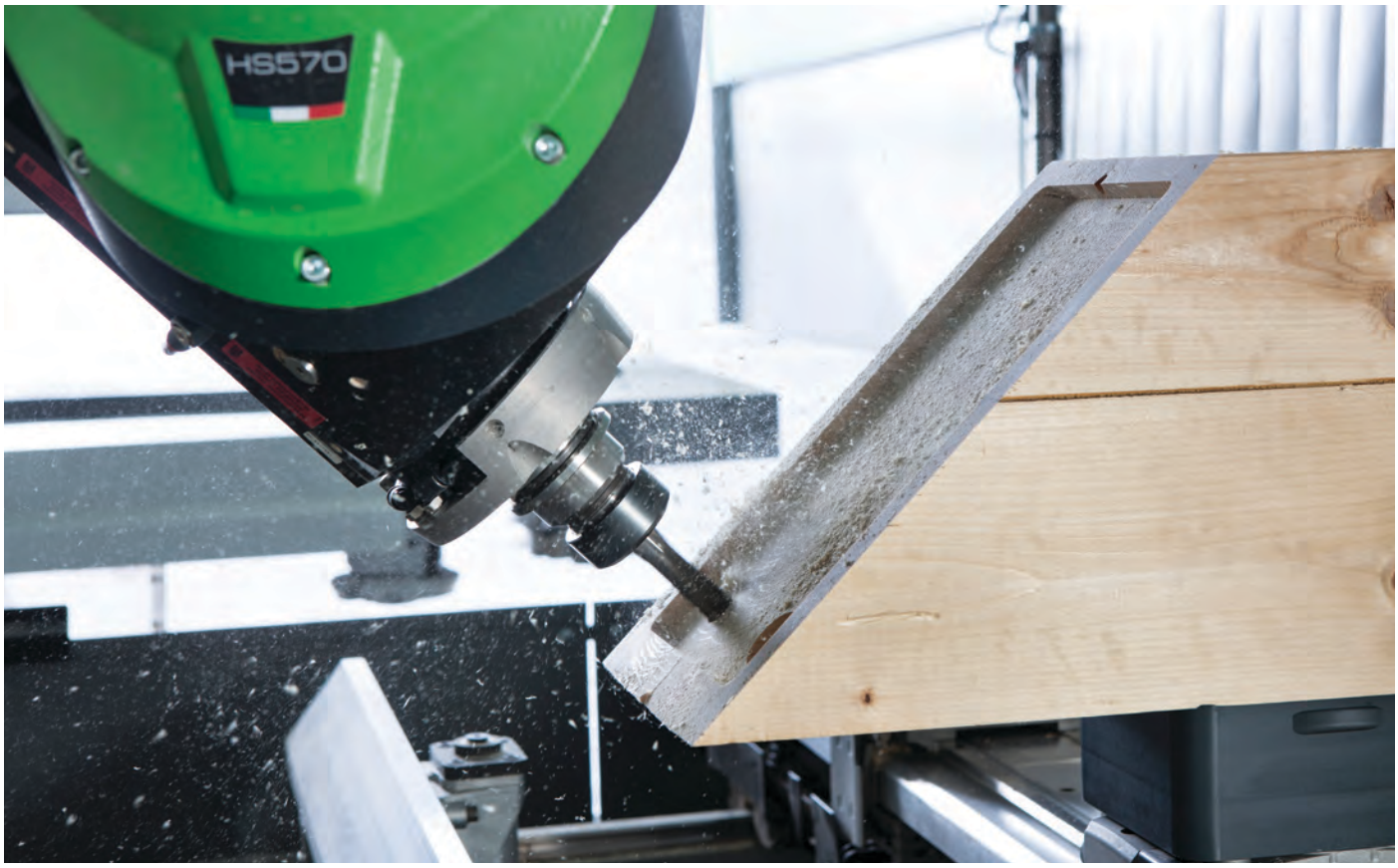
Unmatched Growth
in a Competitive Market

Teknovace has maintained profitability since inception and delivered an impressive 43% average annual growth rate, consistently outperforming the broader market.

Teknovace Has Achieved What Many Companies Take Decades to Build

From a research-driven startup to a high-growth enterprise now backed by one of Europe's leading coatings innovators, Teknovace is not just participating in the industry's transformation—it is helping to shape the future of advanced coatings from India to the world.

HSD's mechatronics power precision



High machining accuracy, process stability and operational flexibility are essential in today's high-performance woodworking CNC machines. HSD S.p.A. designs and manufactures advanced solutions that support the evolution of woodworking CNC technologies worldwide.

Its mechatronic solutions are engineered to deliver precise motion control, high power density and consistent performance across a wide range of woodworking applications, supporting both productivity and machining quality in demanding industrial environments.

Its wood portfolio includes a comprehensive range of electro spindles designed for high-speed and high-torque applications, ensuring clean cutting results on panels, solid wood and engineered materials.

Optimized bearing systems, thermal stability and vibration control contribute to superior surface finishes and long-term reliability, even during continuous production cycles.

C-axis and bi-rotary heads further extend machining capabilities by enabling complex multi-axis operations with high positioning accuracy. These solutions allow advanced contouring, drilling and milling operations to be performed in a single setup, reducing cycle times while improving flexibility and repeatability.

Drilling heads and aggregates are developed to support a wide variety of machining tasks, from vertical and horizontal drilling to angular and multi-face operations. Modular configurations and compact designs ensure seamless integration into CNC machining centres, supporting fast tool changes and efficient production workflows.

HSD solutions are built around a modular design philosophy, allowing machine manufacturers to tailor configurations to specific application requirements. The integration of rotary axes, angular units, drilling systems and bi-rotary heads enables highly flexible machining solutions, supporting complex geometries without compromising structural rigidity or accuracy.

All products are engineered with a strong focus on mechanical robustness, precision and production continuity. Careful design, premium materials and advanced manufacturing processes minimize vibration and wear, ensuring consistent performance and extended service life in high-duty woodworking environments.

Fully aligned with Industry 4.0 principles, HSD mechatronic solutions support digital integration, automation and smart manufacturing concepts. This enables CNC machines to operate as part of connected, data-driven production systems, enhancing efficiency, monitoring and process control. Visit HSD during IndiaWood in **Hall 4, Stand J408.**

PolyCut circular sawblades

The all-rounder for thermoplastics

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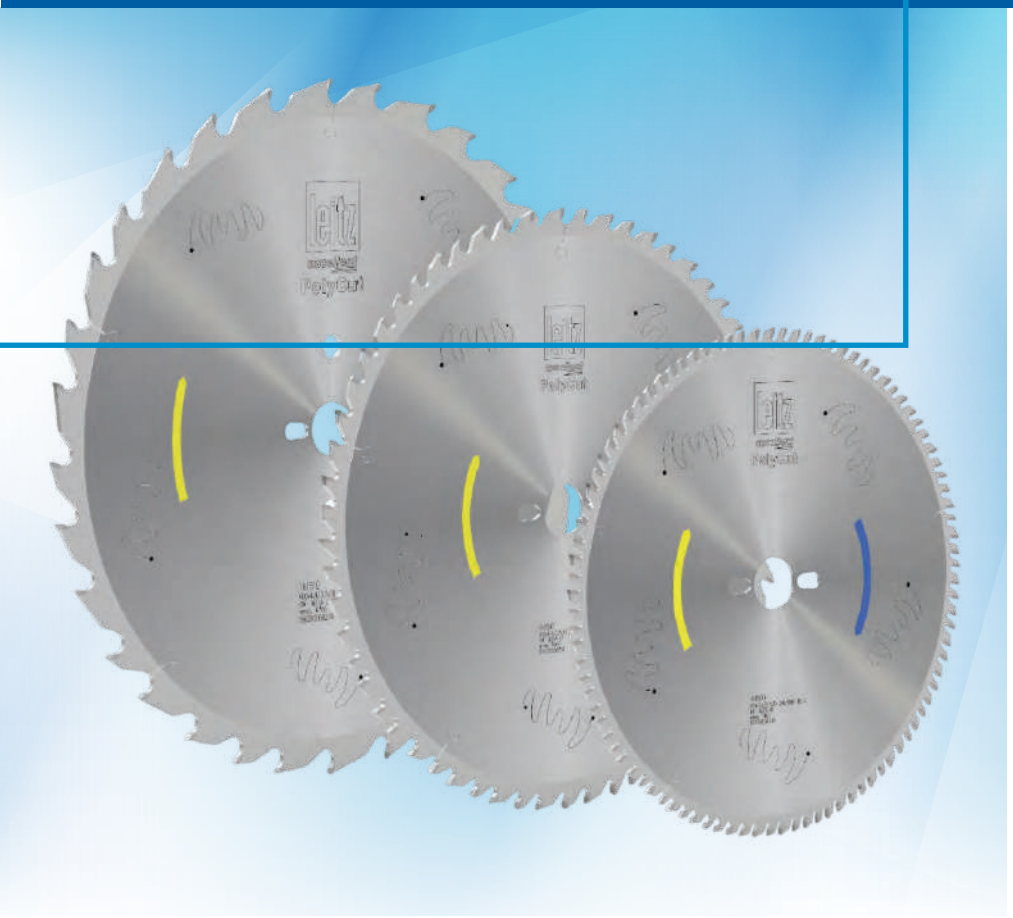

Thermoplastics are used in many different areas. Due to their different compositions, they are susceptible to melting, saw marks and edge breakages during processing.

The PolyCut circular sawblades from Leitz provide an innovative solution for the precise and efficient cutting of demanding materials. They ensure a high finish quality that minimises reworking, offer a long tool life and reduce noise at the same time.

YOUR BENEFITS

- For all thermoplastics
- Less rework
- Long lifetime
- Less noise

AT A GLANCE

- Optimised alternate tooth bevel geometry
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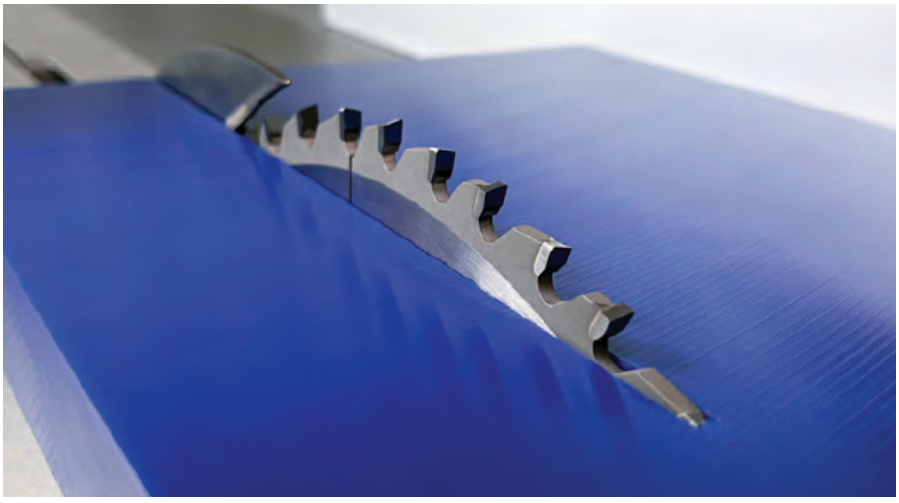

Leitz Tooling Systems India Pvt. Ltd,
No.486C, 14th Cross, IV Phase, Peenya Industrial Area, Bengaluru 560058.
Telephone: 080-42833000, 28364834 | E-mail: info@leitzindia.com | Website: www.leitz.org

IPCO belts help define board quality

The quality of a wood-based panel is directly influenced by the quality of the steel belt running through the press. From the first day of operation to the end of its service life, belt characteristics such as thickness accuracy, flatness and straightness play a decisive role in determining surface finish, density distribution, and dimensional stability of the final board.

IPCO, a world-leading supplier of steel press belts for the wood-based panel industry that combines Swedish manufacturing excellence, produces steel press belts that are designed to meet the exacting demands of modern particleboard, MDF, OSB and LVL production.

Manufactured using premium-grade raw materials and advanced precision technologies, each belt is subjected to stringent quality control to ensure reliable and repeatable performance. This precision allows manufacturers to achieve consistent board quality while maintaining high press productivity.

Different board types place different mechanical and thermal demands on the belt. Thin, high-density fibreboard requires thicker belts produced to extremely fine tolerances to avoid surface defects.

By contrast, OSB production demands belts with exceptional strength and durability to cope with uneven mat formation, high loads, and demanding operating conditions. Matching the belt specification to the application is therefore essential for maximizing press efficiency and product quality.

Despite careful process control, press environments are exposed to unavoidable risks. Glue lumps, forming inconsistencies, wire mesh belt interaction, and mis-tracking can all lead to belt deformation or damage over time.

Recognizing this reality, IPCO places strong emphasis on lifecycle support alongside belt manufacturing. Fast, effective service is critical to minimizing downtime and preventing quality losses.

IPCO's specialized tools allow damaged belt areas to be removed and replaced accurately, while advanced portable restoration equipment can return a deformed belt to a flat condition without interrupting production. For complex challenges, global press belt specialists are available to support local teams with in-depth technical expertise.

Visit IPCO during IndiaWood in **Hall 5, Stand K509.**

Quality Abrasives offers top-grade products

Bengaluru-based Quality Abrasives is a prominent supplier of abrasives, pneumatic tools, specialty tapes, sealants and polishing compounds to industries all over India.

In coated abrasives, its offers a portfolio of segment belts, wide belts, narrow belts, emery belts, PSA and Velcro disc, flap wheels, flap disc, net abrasives, emery rolls, emery jumbos, abrasive sponge hand blocks, graphite pads and rolls.

In bonded abrasives, it supplies resinoid cut-off wheels and mounted points. In non-woven abrasives, it supplies unified wheels, SCF belts and disc, interlined unified wheels, deburring wheels and hand pads.

Its specialty tapes include masking tapes, double-sided tissue tapes, roller masker, GHP tapes and floor protection film. PU foams, high performance PU sealants, general purposes sealants, MS sealants and acrylic sealants are also on offer.

In pneumatic tools, it supplies sanders, die grinders, polishers, backup pads. Its polishing compounds and accessories include wool pads, foam pads, polishing compounds and spray guns.

Visit the company stall at IndiaWood, in **Hall 3A, Booth F 303.**

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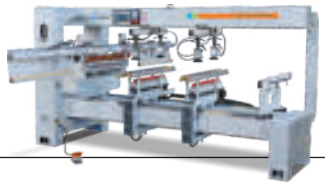

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Kleiberit high-performance adhesives

In furniture manufacturing, the strength of a product is defined by the strength of the bond. Kleiberit manufactures high quality products for wood, construction and automobile industry. All products have international certification, including KOMO and ift Rosenheim, and the company is certified according to DIN EN ISO 9001:2008, ISO 50001:2011 and ISO 14001:2004.

With over 75 years of expertise in adhesive systems, Kleiberit supports furniture manufacturers with solutions optimized for productivity, durability and surface quality.

Hot-melt adhesives for edge banding and soft forming applications are formulated with medium to high viscosity to fill gaps within the core layers of chipboard, ensuring uniform bonding strength across the entire width of the panel.

Rapid crystallization inside the press prevents adhesive smearing during flush milling, while exceptionally high green strength, especially in soft forming, prevents glue line opening caused by the elastic memory of edging materials. These hotmelts are engineered to be free-flowing to avoid blockage in granulate pre-melters positioned above the application system, with molten adhesive guided through level-controlled heated hoses into the application basin.

Depending on the requirement, application is carried out using rollers or nozzles, applied directly onto the chipboard for straight edge banding and onto the edging material for soft forming.

3D form laminating technology is widely used for applying decorative foils onto routed and shaped MDF substrates and is predominantly applied in the production of kitchen doors, panelled doors, wardrobe shutters and door panels.

This process utilizes low-viscosity, easy-to-spray polyurethane (PUR) dispersions that offer excellent temperature resistance, superior water and steam resistance, strong adhesion to PVC, PP, PET and ABS foils, and exceptionally high green strength for reliable, durable bonding.

PVAC-based dispersions are also employed for 3D laminating of veneer surfaces, particularly for door panels where uniform adhesion and surface finish are critical.

Solid wood windows/ doors: Adhesives play an increasingly critical role, especially when working with European and Asian timber species. High-performance bonding is essential to ensure durability, dimensional stability and long-term structural integrity under varying climatic conditions.

Kleiberit adhesives offer water resistance classes D3 or D4 according to DIN/ EN 204 standards, along with high temperature resistance as per DIN/ EN 14257, achieving a recommended minimum bond strength of 7 N/mm^2. These properties ensure consistent quality in demanding interior and exterior applications.

Profile wrapping: Hot-melt adhesives for are available in low to medium viscosity grades, offering extended open time and strong green strength. The adhesive is applied to the reverse side of the wrapping material using rollers, doctor blades or slot nozzles, ensuring uniform coating and reliable bonding.

With increasing demands for faster production speeds, complex profile geometries and higher resistance to temperature and moisture, adhesive performance has become a critical success factor, and Kleiberit adhesives are engineered to meet these evolving requirements.

Flat furniture made from particle board and MDF forms the core of modern modular furniture, with surfaces finished using natural wood veneers or plastic films such as ABS, PMMA and PET.

Flat lamination technology is widely used for furniture and kitchen fronts, side panels, back panels and shelves, enabling super-matt and high-gloss decors. Mirror-smooth surface bonding is essential, particularly with thin decorative materials where even minor irregularities are visible.

In addition to visual precision, long-term resistance to moisture, heat and steam is critical, and Kleiberit adhesives are preferred for their ability to deliver superior surface quality and durable bonding performance.

Key advantages

Kleiberit adhesive solutions are engineered to withstand heat, humidity and climatic variations common in Indian production environments. Designed for process stability and machine compatibility, they integrate seamlessly with modern CNC machines, edge banders and high-speed production lines, ensuring consistent bonding results and enhanced productivity.

Advanced edge banding zero-glue-line technology enables flawless edge finishes and consistent surface quality, reducing rejection rates and supporting premium furniture aesthetics. Flat lamination and profile wrapping solutions ensure uniform coating, controlled curing and reliable bonding across complex profiles and decorative foils.

Kleiberit's micro-emission PUR systems (<2 ppb) promote safer shop floors, improved indoor air quality and sustainability-focused manufacturing without compromising performance.

At IndiaWood 2026, the company showcases advanced adhesive technologies designed to meet the evolving needs of furniture manufacturers: higher output, lower emissions, cleaner finishes and long-term reliability.

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Precision tooling solutions from Leitz

Leitz marks its 150 years by presenting a comprehensive range of precision tools and tooling systems designed for high-performance machining across wood, wood-based panels, plastics, aluminium and advanced materials.

At IndiaWood 2026, the company highlights solutions developed to deliver clean cuts, dimensional accuracy, long tool life, and process reliability in real production environments.

The Leitz portfolio covers a wide spectrum of machine-driven precision tools engineered for consistent performance in demanding applications. This includes circular saw blades for panel sizing and solid wood processing, planing and jointing tools for surface accuracy, profiling and moulding tools for decorative and structural components, drilling and dowel tools for precise hole quality, and shank tools for CNC machining operations.

Mini finger-joint cutters and specialized

tooling systems further support efficient material utilization and structural integrity in production workflows.

Leitz tooling solutions are developed with a strong focus on material-specific machining requirements. Whether processing solid wood, engineered panels, lightweight composites, plastics, or aluminium, each tool is designed using advanced material science, optimized cutting geometries, and precision manufacturing processes.

As part of its continuous innovation, Leitz has also expanded into advanced material machining. One such innovation is the PolyCut circular saw blade, developed for thermos-plastic processing.

Featuring optimized tooth geometry and vibration-damped blade design, PolyCut delivers clean, burr-free cuts with reduced heat generation, minimal edge chipping, and improved surface finish across a wide range of thermoplastic materials.

Leitz complements its tooling portfolio with comprehensive services that include professional re-sharpening, tool repair, process optimization, and technical training. A strong network of service centres across India ensures fast turnaround times and localized support, helping customers achieve maximum performance and long-term value from their tooling investments.

Visit Leitz during IndiaWood in **Hall No 4, Stall No H403.**

Mirka has advanced belt sanding solutions

In modern woodworking and panel processing, belt sanding plays a critical role in defining surface quality, coating performance, productivity, and cost efficiency. From aggressive stock removal to ultra-fine finishing prior to polishing, each stage demands precision-engineered abrasives.

Mirka's advanced belt sanding solutions are designed to address these requirements across solid wood, MDF, HDF and coated surfaces, delivering consistent results throughout the production cycle.

With decades of expertise in abrasives and surface preparation, Mirka offers a comprehensive portfolio of sanding belts engineered for industrial reliability. Supported by its wider ecosystem of 100% dust-free sanding solutions, next-generation electric and cordless tools, and high-gloss polishing systems, Mirka enables manufacturers to achieve superior surface quality with improved process control.

Heavy sanding and calibration form the first stage of belt sanding, where rapid stock removal and thickness control are essential. Mirka's heavy-duty sanding belts are developed with durable cloth and reinforced paper backings to withstand high pressure, heat and continuous operation.

These belts deliver aggressive, stable cutting performance on

ITP: Crafting India's Homes with Precision, Purpose, and Legacy

ITP: Crafting India's Homes with Precision, Purpose, and Legacy

Since 1987, ITP has stood at the intersection of craftsmanship and engineering, quietly shaping the way India lives, works, and builds. What began as a specialised doors and windows manufacturing company in Hyderabad has today evolved into one of India's most trusted providers of end-to-end complete home solutions, delivering turnkey interiors, modular furniture, architectural joinery, and fenestration systems across the country.

Formerly known as **Indian Timber Products,** ITP's journey mirrors India's own evolution—from traditional craftsmanship to integrated, design-led manufacturing. With over 37 years of expertise, the company has consistently adapted to changing lifestyles, materials, and technologies, while staying firmly rooted in its core belief: quality must be built, not sourced.

Manufacturing at the Core

At the heart of ITP's success lies its **fully integrated, in-house manufacturing ecosystem.** Unlike fragmented interior solution providers, ITP maintains complete control over design, material procurement, fabrication, quality checks, and final installation. This vertical integration ensures precision, consistency, and accountability—cornerstones that have earned the trust of developers, architects, and homeowners alike.

ITP's wooden door solutions span an extensive range, including **pre-finished flush doors, panel doors, solid teak doors, veneer and laminated doors, and fire-rated wooden doors,** all manufactured to exacting standards and delivered factory-finished for seamless on-site execution. Complementing these are advanced **uPVC and aluminium windows and doors,** engineered for India's diverse climatic conditions.Through partnerships with globally reputed system suppliers such as **AluPlast, Deceuninck, and Technal,** ITP delivers fenestration solutions that combine superior thermal insulation, acoustic performance, security, and durability.

Turnkey Interiors and Modular Excellence

Beyond manufacturing, ITP has emerged as a formidable player in **turnkey interior solutions,** managing projects from concept to completion. The company's turnkey capabilities encompass **design development, 3D visualisation, space planning, detailed BOQs, material sourcing, manufacturing, installation, and handover** all under a single umbrella.

In large-scale urban residential developments, ITP's modular kitchens and wardrobes consistently deliver intelligent planning, superior finishes, and long-term performance. Kitchens

are designed to maximise vertical space, featuring premium laminates, soft-close mechanisms, smart storage systems, and imported hardware. Wardrobes, TV units, and bespoke furniture solutions follow the same philosophy—balancing functionality, longevity, and contemporary design.

This integrated approach allows clients to benefit from **clear timelines, transparent pricing, and cost efficiencies,** often delivering projects **20–30% more competitively** than conventional contractor-led models, without compromising on quality.

Join ITP as an Interior Studio Partner Today.

We're inviting visionary Interior Studio Partners to deliver factory-finished luxury Kitchens, Wardrobes, Doors, and Windows to India's elite homes. Partner with us for nationwide scale, shared success, and exponential growth.

What Sets ITP Apart.

ITP doesn't just supply products—we craft complete dream home solutions. From design to installation, we execute every detail with precision, transforming vision into enduring reality.

The ITP Expansion Era.

Now entering our boldest chapter: pan-India growth through empowered interior design studio partners. You'll gain our proven scalable model, world-class training, robust marketing support, and unmatched factory backend positioning you at the forefront of India's booming 5 lakh crore+ interiors market.

As urbanization surges and 'Make in India' accelerates domestic manufacturing, ITP stands as your strategic beacon delivering reliability, innovation, and visionary foresight. More than a supplier, we're your long-term growth partner, creating spaces that define luxury, efficiency, and legacy.

ITP – Complete Home Solutions Since 1987. Because legacies are not claimed, they are built.

You're Invited: Exclusive Meet with **ITP** at **IndiaWood Expo 2026:** Bangalore | Feb 26–Mar 2 Hall 3B, Stall D333.

Schedule your direct meet: **sanketh@itplimited.com.** Phone **+91 9502678678.**

rough-sawn timber, non-uniform boards, and calibration of solid wood, MDF and HDF panels, ensuring efficient material removal without premature belt wear.

Intermediate sanding addresses contoured profiles, mouldings and complex shapes. Mirka offers flexible narrow belt solutions with paper, cloth, and net backings to ensure precision across flat and shaped surfaces. Net-backed abrasives provide exceptional dust extraction, reduced heat buildup, and longer service life, aligning with its dust-free sanding philosophy.

For MDF and HDF, Mirka's dedicated belt solutions use carefully selected grain types and antistatic backings to maintain cutting efficiency while delivering uniform finishes.

In top coat and pre-polishing stages, fine-grit and film-backed belts ensure even surfaces and controlled scratch patterns, ideal for paints, lacquers, and high-gloss coatings.

Mirka's polishing films and compounds complete the surface preparation process, enabling mirror-like finishes with fewer process steps. Combined with its tools and dust extraction systems, these solutions deliver predictable, first-time-right results across applications.

Rasa brings economical edge banders

Vadodara-based Rasa Engineering Enterprises is presenting a practical and performance-driven range of fully automatic edge banding machines developed to meet the evolving demands of modern woodworking and furniture manufacturing units.

Designed with a strong focus on consistency, efficiency and cost control, this range supports continuous production environments across both small-scale workshops and large industrial factories.

The automatic edge banders integrate five essential operations within a single, streamlined machine architecture. These include precise gluing, accurate end cutting, clean top and bottom trimming, effective buffing, and an integrated dust collection system. Together, these processes ensure smooth edge finishing with strong adhesion and a refined surface appearance.

The machines are engineered to process a wide range of edge banding materials such as PVC, ABS, melamine, wood and acrylic. They support band thicknesses from 0.3 mm to 3.0 mm and band widths ranging between 10 mm and 50 mm, allowing manufacturers to handle diverse furniture and panel applications without frequent machine changes.

Operational precision is supported by advanced control features. Each machine is equipped with a PID temperature controller to maintain consistent glue temperatures, ensuring reliable bonding across different materials.

Independent tape feed speed and conveyor speed controllers allow operators to fine-tune performance parameters, helping achieve optimal edge quality, reduced wastage, and stable throughput even during long production runs.

Built for durability and ease of operation, these edge banders are suitable for extended working hours with minimal downtime. Their balanced design ensures stable panel movement, accurate trimming results, and clean finishing, making them well suited for factories seeking dependable automation at an economical investment level.

In addition to automatic edge banders, the company continues to manufacture glue rollers and market a comprehensive portfolio of woodworking machines, including manual and portable edge banders, panel saws, dust collectors, and multi-boring machines, serving customers across India.

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JORDAN NATURELINE

THE GREEN PROTECTION FOR WOOD AND ENVIRONMENT

With the JORDAN Natureline, JORDAN Lacke is bringing a highly sustainable wood preservative to the market that not only protects your wood, but also the environment. The ready-to-use coloured and colourless mineral wood preservative is ideally suited for indoor and outdoor use. JORDAN NATURE-PUR and JORDAN NATURE-COLOR not only provide effective protection against fungi (according to EN 113) and animal pests without biocides, but also improve the flame-retardant properties of the wood substrate. Due to the particularly low-emission formulation, on a mineral basis, the products of the JORDAN Natureline meet the strict requirements for the certification of the eco-INSTITUT label.

This is a recognised quality label that confirms the product's pollution prevention and sustainability, and its emission requirements cover the following national & international assessment programmes, including:

- AgBB Scheme Germany
- State building regulations / MVV TB Germany: Requirements for structural installations with regard to health protection (ABG)
- DGNB International (Level 4)
- QNG-Ready
- BREEAM
- WELL International und LEED v4
- eco-bau Switzerland
- Belgian VOC Regulation
- French VOC Regulation A+

With JORDAN NATURE-FIRE-PROTECT, JORDAN Lacke has recently also started to offer a **biocide and solvent-free fire protection coating** with which solid wood components can be coated in order to achieve a classification of fire behaviour according to EN 13501-1 C-s1-d0.

E-MAIL PCG-INDIA@PLANTAG.DE
WEBSITE WWW.PLANTAG.IN

Turakhia introduces India's first 12'×4' veneers

Designed to overcome the limitations of conventional veneer dimensions, Reganto Grande introduces a breakthrough 12-foot X 4-foot format, enabling uninterrupted vertical surface applications.

The extended height allows designers to achieve seamless floor-to-ceiling cladding without horizontal joints, delivering a bold, continuous visual across large architectural spans, enabling large-scale wood applications with fewer joints and greater creative flexibility.

Developed by Turakhia Natural Veneers, Reganto Grande reflects the company's ongoing focus on pushing veneer technology beyond standard formats. By combining natural wood aesthetics with hybrid engineering, the series offers enhanced dimensional stability, consistent grain alignment, and reliable performance across varied interior environments.

This expands the design vocabulary available to architects and interior designers, The large-format sheets are engineered to support applications in double-height spaces, luxury residences, hospitality interiors, corporate lobbies, and statement feature walls. Reduced joint lines not only elevate visual impact but also improve installation efficiency and material optimisation on site.

Reganto Grande is available in multiple functional variants to meet diverse architectural requirements. Flexible veneers enable smooth application on curved surfaces such as columns, rounded walls, and bespoke furniture elements.

Fluted and textured surfaces introduce depth, rhythm, and architectural definition, making them ideal for feature walls and vertical accents. Open grain and plain finishes preserve the authentic character of wood, offering a clean, refined surface suitable for both contemporary and classic interiors.

To complement its scale and versatility, Reganto Grande is offered in a curated palette of 11 exclusive shades. The colour range spans subtle neutrals for minimalist spaces to deeper tones suited for premium commercial and hospitality environments. Each shade is developed to ensure tonal consistency across large panels, maintaining uniformity even in expansive installations.

CK Airtech has efficient dust-control systems

High-performance dust control systems from CK Airtech India are engineered to create cleaner, safer and more energy-efficient industrial environments. Designed to capture dust at the source, these systems deliver high suction efficiency with filtration performance of up to 99% at 3 microns, ensuring effective removal of fine particulate matter from production areas.

This results in improved air quality, enhanced worker safety, and protection of sensitive machinery. CK Airtech's dust collection solutions are developed with a strong focus on operational efficiency.

Advanced control systems are integrated to optimize airflow, minimize power consumption, and reduce overall energy and operating costs. Intelligent automation allows systems to respond dynamically to process demands, ensuring consistent performance while avoiding unnecessary energy usage.

System configurations are fully customizable to suit diverse industrial applications. Depending on site requirements, solutions can be equipped with PLC-based automation, explosion relief vents, spark detection and suppression systems, and other safety-critical features.

All systems are designed in compliance with applicable environmental and industrial safety norms, supporting industries in meeting regulatory standards without compromising productivity.

From small workshops to large-scale manufacturing facilities, CK Airtech systems are scalable and adaptable, making them suitable for wood processing, metalworking, pharmaceuticals, chemicals, cement, and other dust-intensive industries. The focus remains on delivering reliable dust containment that supports uninterrupted production and long-term operational stability.

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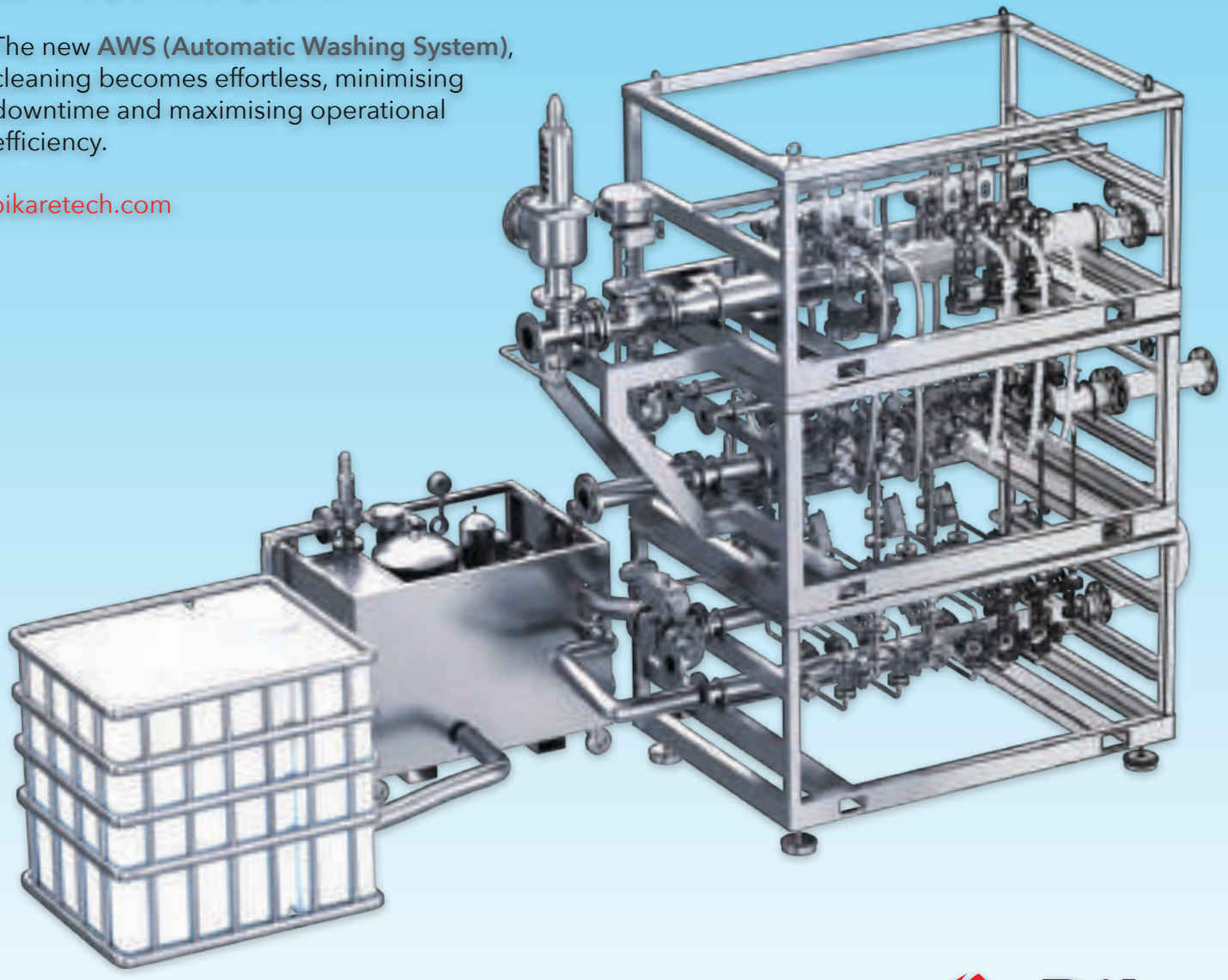


Pika
ReTech

Integrated door processing by Essepigi

Italy-based Essepigi Srl is a well-known designer and manufacturer of PC-controlled machines and integrated production lines dedicated to the industrial processing of doors and door frames. Its machines are engineered to combine multiple operations within a single unit or automated line, significantly reducing handling, cycle time and production footprint.

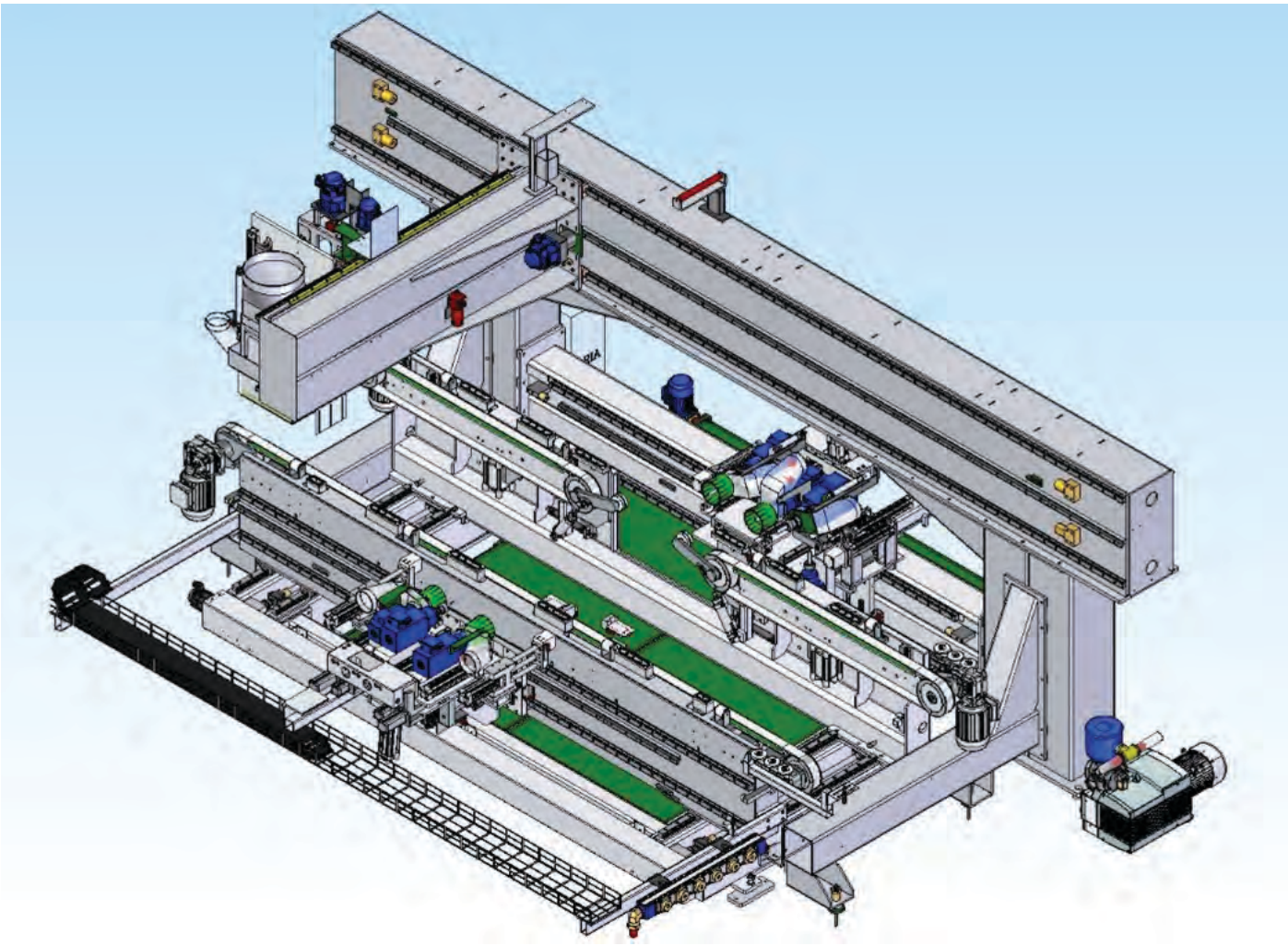
The product portfolio includes machines and complete lines for door processing, door-frame machining, lock and hinge insertion, standard and fire-proof gasket insertion, and packing of doors and frames.

Each system is developed to perform complex processes with high precision and repeatability. Essepigi machines can execute milling, boring, cutting, contouring, pantograph operations, window opening, and hardware insertion within one controlled workflow.

The machines efficiently handle both batch-one production and high-volume manufacturing. Productivity levels can reach 1,500 doors per 8-hour shift, making the systems suitable for small, medium, and large-scale door manufacturers.

High-quality mechanical components and industrial-grade electronics ensure long-term reliability, with machine lifespans exceeding 15 years. The robust construction supports continuous operation while maintaining consistent performance over time.

The automation architecture allows entire production lines to be managed by a single operator, reducing labour requirements, and minimizing the risk of human error. Doors and frames are processed completely within one machine or line, delivering significant advantages in terms of space optimization, logistics efficiency and cost reduction.



Serra sawmills for precision, efficiency

Increasing demands for precision, efficiency and operational safety are shaping today's wood processing industry. To remain competitive, sawmills and woodworking companies rely on robust technology, consistent cutting quality, and streamlined workflows.

Serra Maschinenbau – a leading 'Made in Germany' manufacturer of stationary and mobile block band sawmills – offers a comprehensive product range tailored to the needs of professional users.

Mobile units offer maximum flexibility, allowing logs to be processed directly at the storage yard or in the forest. This reduces transport costs and enables efficient decentralized production. Despite their compact design, Serra's mobile sawmills deliver precise, clean cuts and are built for demanding outdoor use.

Stationary block band sawmills are engineered for continuous operation and high throughput. They ensure maximum stability, consistent cutting accuracy, and can be customized to suit specific production environments – ideal for commercial sawmills or industrial wood processors.

Both system types feature durable construction, user-friendly operation, and a wide range of configuration options.

A core strength of Serra lies in its development of high performance bandsaw blades for block band sawmills. These durable blades deliver accurate, smooth cuts while reducing tool wear and overall operating costs. Serra also provides a complete blade maintenance service, including sharpening, setting, and straightening. This ensures consistently high cutting performance, minimizes downtime, and boosts long-term productivity.

With the Cut Coach, an innovative, award-winning tension wood simulator, Serra enables realistic, risk free training scenarios. Operators learn to assess internal wood tensions and respond correctly, significantly reducing accident potential.

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Woodmaster has options for all needs

Hot/cold presses (top) are employed for laminating plywood and MDF with decorative sheets. Panel saws (bottom) are used to cut large boards with precision into smaller panels.

To meet the rising expectation of precision, speed and superior finishing, advanced woodworking machines have become the backbone of today's furniture manufacturing industry.

At the heart of this transformation are high-performance CNC woodworking machines, panel processing systems, edge banding solutions, and drilling automation. These machines are designed to deliver unmatched accuracy while reducing manual labour, production errors, and material wastage, making them essential for every modern workshop and factory.

Modern woodworking machinery also supports mass customisation, an important trend in today's interior market. Customers want furniture that matches their space, style, and functionality. With automation and digital control, manufacturers can deliver customised modular solutions at industrial speed.

Woodmaster (India) Machine Pvt. Ltd. contributes to this evolving woodworking landscape by offering world-class machines tailored for modular/ solid wood furniture manufacturers. From CNC machining centres to advanced drilling, shaping and finishing solutions, Woodmaster machines are built for performance, durability and precision.

Key machines

- Hot/cold presses come into play in the first stage of production, for laminating plywood and MDF with decorative sheets. They ensure firm bonding without bubbles, and uniform heat and pressure distribution.
- CNC panel cutting machines are used to cut large plywood, MDF or laminated boards with precision into smaller panels as per kitchen layout. They help in reducing material wastage by cutting with precision, minimising chipping on the laminated surface, and ensure smooth edges for further processing.
- Edge banding machines seal the exposed edges after cutting, to protect the board from moisture, enhance the durability and lifespan of the boards, and add aesthetic finishes.
- CNC routers/ nesting machines are used for designing cabinet shutters, drilling joints and carving profiles. They allow handle-less groove cutting, support complex designs and 3D profiling, and save time compared to manual carving.
- Multi-boring/ hinge boring machines carry out precision drilling to ensure proper fitting of hinges, channels and connectors. The accurate hole spacing increases assembly strength and reduces installation time.
- Membrane presses (optional) create membrane-finished shutters, an economical and stylish option. Apart from high-gloss and matte finishes, they offer the manufacturer wide customisation choices.

Together, these machines convert raw boards into perfectly engineered modular kitchen units ready for fitting on-site. Investing in modular kitchen machinery provides long-term business growth.

Faster order completion and timely delivery lead to higher client satisfaction and increased business volumes. Their automation minimizes human error and dependence on highly skilled workers.

Accurate material cutting and nesting save raw material and increase profit margins. Perfect finishing increases brand reputation and resale value. They also offer better scalability – production can easily expand based on demand.

Edge banding machines (L) seal the exposed edges of panels after cutting. Multi-boring machines (R) carry out precision drilling to ensure proper fitting of hinges, channels and connectors.

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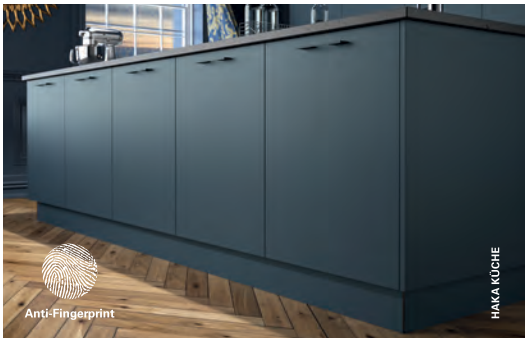

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Ornare's Crysto panels redefine luxury

Ornare is offering an exquisite range of decorative panels and luxury laminates designed to redefine contemporary interior spaces with elegance and performance. At the heart of the collection are Ornare Crysto panels, available in high gloss, super matte, metal matt and glass finishes.

Engineered with advanced tempered surface technology, these panels ensure long-lasting shine, durability, and timeless grace, making them ideal for modern living environments.

The Syncrolux range introduces a new dimension of design through textured panels and hybrid veneers inspired by natural elements. Featuring refined interpretations of wood, leather, and stone decors, Syncrolux brings depth, warmth, and authenticity to furniture and wall applications.

Ornare's laminate collection showcases the finest European decors in premium 10′×4′

and 8′×4′ formats, complemented by perfectly matched textured edge bands for seamless furniture aesthetics.

The range also includes Velmatt Luxury matt laminates, offering a soft-touch, anti-fingerprint surface for sophisticated interiors, and digital laminates featuring ethnic Indian art prints and exotic nature-inspired patterns.

Ornare's curated surface range of premium cabinetry laminates are crafted especially for wardrobes and storage solutions. It offers luxury leathers, unique

abstracts and textured ranges with matching edgebands to enhance your cabinetry.

Adding to the portfolio is Ornare Grip range of colour-coded handles. The recessed pull handles for furniture are a premium solution designed for modern furniture, specifically wardrobes and cabinets. For more details, reach Team Ornare on 8802727127 or info@ornare.in.

Efficient NC tenoning from Yow Cherng

Designed for stability, precision and ease of use, the NC-YRT-150 rectangular tenoner delivers reliable tenon and slot machining for a wide range of woodworking applications.

Built on Yow Cherng Machinery's strong manufacturing foundation, the machine reflects decades of experience across design, processing, assembly, testing, and final machine completion.

The NC-YRT-150 is an ideal choice for manufacturers seeking higher efficiency with a beginner-friendly NC solution. Its dual-table construction combined with a helical cutterhead ensures smooth cutting performance, consistent accuracy, and long-term operational stability.

NC control with PLC touch operation and a full-colour interface provides intuitive machine handling while allowing users to easily select and manage multiple tenon shapes.

This versatile machine can produce cylindrical, rectangular, square, miter, and mitered square tenons, with optional tooling available for dovetail tenon production.

With memory capacity for up to 200 programs, operators can quickly recall stored settings, reducing setup time and improving productivity. A built-in motion simulation function further enhances safety by verifying machining paths and preventing cutterhead collisions before operation.

While advanced in capability, the NC-YRT-150 retains the reliability that has made Yow Cherng's traditional machines, such as the YRT-115 rectangular tenoner and YOM-120 oscillation mortiser, enduringly popular in workshops worldwide.

This balance of proven engineering and modern NC technology allows users to upgrade efficiency without sacrificing dependability.

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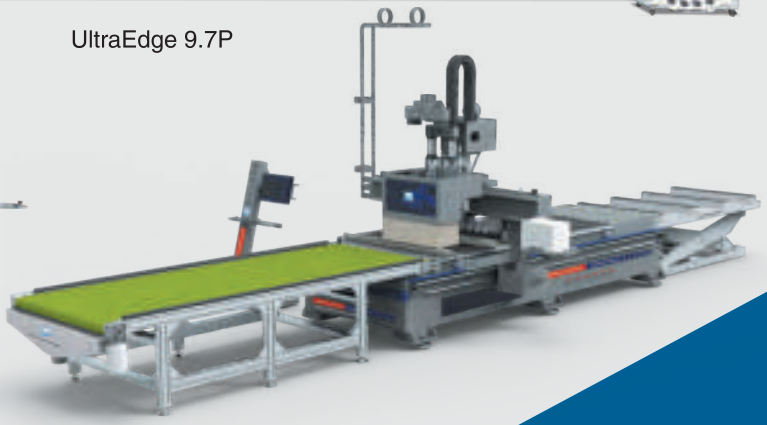

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Aryamman surfaces for contemporary furniture

Engineered for modern furniture manufacturing, Group Aryamman's latest surface and component introductions address the growing demand for materials that combine visual finesse with production efficiency.

Designed for kitchens, wardrobes, and high-use interior applications, the new portfolio focuses on surface durability, and coordinated systems suited to Indian manufacturing conditions.

Venère is a next-generation pre-finished veneer range developed to deliver refined, European-inspired aesthetics without compromising shop-floor practicality.

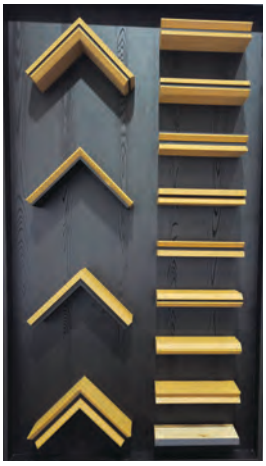
The collection offers consistent thickness, stable performance, and controlled finishing, reducing dependence on post-lamination processes. Its ready-to-use format supports faster turnaround times and uniform output across large production runs.

Ebello introduces the advanced EB-Matt surface, a material category that moves beyond conventional PET foils and standard super-matt boards. The surface features EB curing technology that enhances scratch resistance, colour stability, and surface hardness.

Its liquid-metal super-matt appearance delivers extremely low reflectivity, making it ideal for contemporary kitchens and minimal interior schemes. Backed with kraft paper, Ebello is optimised for cold pressing, offering manufacturers greater flexibility while maintaining structural reliability and long-term performance.

New Profiles for five-piece shutters expand the system offering, supporting both classic and contemporary furniture designs. The range includes J-Profiles developed specifically for handle-less kitchen formats, enabling clean lines and uninterrupted surfaces. These profiles are designed for precise fitment and repeatable accuracy, supporting scalable production without visual inconsistencies.

Matching handles further enhance the system-based approach. Available in 10 coordinated décors, the handles are aligned with Aryamman's synchronised texture programme, ensuring tonal and tactile continuity across shutters, profiles, and surface panels. This alignment allows designers and manufacturers to deliver fully integrated furniture solutions without relying on multiple suppliers.



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INDIA WOOD

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Advance integration, smart solutions from Biesse

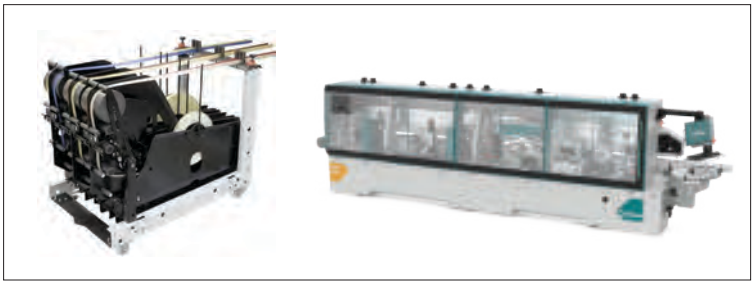
At IndiaWood 2026, Biesse will once again demonstrate its leadership in woodworking technology by presenting a comprehensive portfolio of advanced machines designed to enhance productivity, precision and operational efficiency.

The showcased solutions reflect Biesse's strong focus on real-world manufacturing needs, offering differentiated features across all panel processing applications.

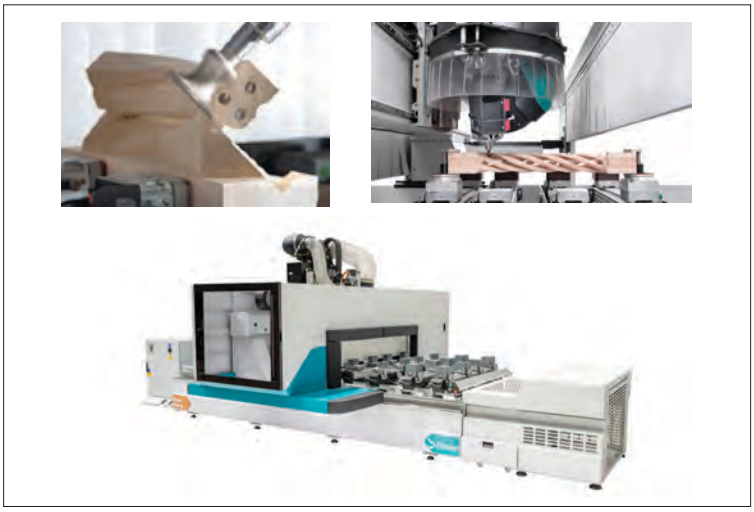
A key attraction at the Biesse booth will be the routing and edge banding solutions that integrates multiple processes into a single platform. Designed for high flexibility and premium finish, enabling complex shaping operations along with high-quality edge banding, making it ideal for manufacturers handling value-added furniture components.

Biesse will also showcase the new generation edge banding machines, equipped with a top pressure belt, complete automatic with NC controlled setup, multi-radius tools for quick changeover, and many more value-added features which are being introduced in the machines – made in India, for the world.

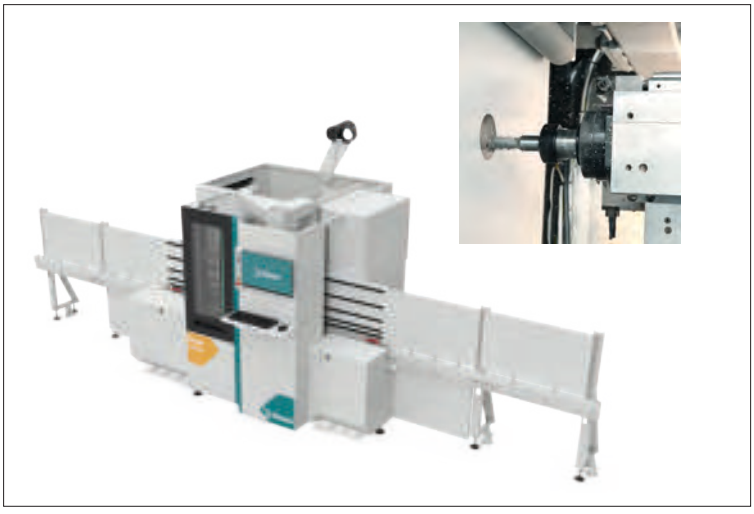
Biesse will also be showcasing Italian machines with higher configurations to meet large-scale production requirements.



The 5-axes technology will be presented with error-proof table setup with advanced technology of "setup assistance" feature, ensuring full safety of operations and enhanced quality of the machines.



For drilling applications, the solution will be presented as a compact yet powerful solution offering high accuracy, speed, and ease of use. Its robust design and intelligent drilling capabilities make it suitable for both flexible and medium batch production catering to custom furniture manufacturing.



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Nesting solution will be with automatic loading of boards and unloading of panels. This solution demonstrates continuous production, reduced manual handling, and improved material flow, making it ideal for panel-based furniture manufacturers focused on quality, productivity and automation.

Complementing the machining solutions, the sanding solution will be displayed for its ability to deliver consistent surface finish with high precision. Designed for efficient calibration and finishing, they ensure excellent surface quality while maintaining ease of operation.

In beam saw technology, Biesse will highlight its patented tool-less blade change system, robust pressure beam design requiring no reinforcement, 10-year warranty on saw carriage travel mechanism, and four-point dust extraction system. All these underline Biesse's commitment to durability, precision and clean working environments.

Blum launches 105° soft-close hinge

Blum is set to launch the Clip top Blumotion 105° hinge in India, introducing a compact soft-closing hinge developed to meet the operational and cost expectations of Indian furniture manufacturers.

The Clip top Blumotion 105° hinge integrates Blum's established Clip mounting system with built-in Blumotion soft-close technology. This integration ensures controlled, silent closing action without the need for additional damping components, simplifying assembly and reducing hardware complexity.

Engineered for long-term reliability, the hinge is tested for 1,20,000 opening and closing cycles and complies with DIN 15570 Level-3 standards. These performance benchmarks qualify it for use as a primary hinge in furniture doors across residential and light commercial applications.

The hinge supports full 3-dimensional adjustment, allowing precise side, height, and depth alignment. This enables accurate door positioning during installation and allows for easy correction after fitting, ensuring consistent gaps and smooth door movement over time.

Installation is designed to be fast and tool-free. The Clip mechanism allows the hinge arm to be snapped onto the mounting plate without screws, reducing assembly time and improving workflow efficiency in both factory and on-site conditions.

With the ability to handle door thicknesses of up to 24 mm, the Clip top Blumotion 105° hinge is suitable for a wide range of cabinet and wardrobe designs. Its compact form factor allows use in space-restricted carcasses without compromising functionality.

The hinge features a nickel-plated finish that provides corrosion resistance and a neutral aesthetic compatible with different furniture materials and finishes. The discreet profile supports clean furniture lines across kitchens, wardrobes, living rooms, bedrooms, dressing areas, and home office furniture.

In high-use areas such as kitchens, the hinge delivers consistent, quiet motion even under frequent opening cycles and higher door loads. In wardrobes and bedroom furniture, it offers the premium soft-close experience expected in modern interiors. For living and workspaces, it ensures long-term operational stability without visual intrusion.

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Zooper Natura is new era of surfaces

At IndiaWood 2026, Praveedh Décor is introducing Zooper Natura, a next-generation surface finish that takes the soul of veneer and carries it into the future: warm, tactile, beautifully grained, yet precise, consistent and scalable.

Veneer has long been admired for its natural charm and emotional truth. The subtle variations of woodgrain, the warmth of touch, and the quiet luxury of its imperfections have shaped how we imagine premium interiors. But veneer also comes with demands: maintenance, cost, fragility, fading, cracking, inconsistencies, and timelines that don't always match commercial reality.

Praveedh's Zooper Natura reframes that equation. Think of it as VeneerX, the next chapter. The warmth remains, the realism remains, the emotional pull remains. What changes is everything else.

It becomes durable, scratch-resistant, colour-stable, low-maintenance, eco-conscious, and remarkably versatile. In a

single gesture, the material jumps from wall panels to shutters, from joinery to furniture, from flat planes to sensuous curves and sculptural profiles.

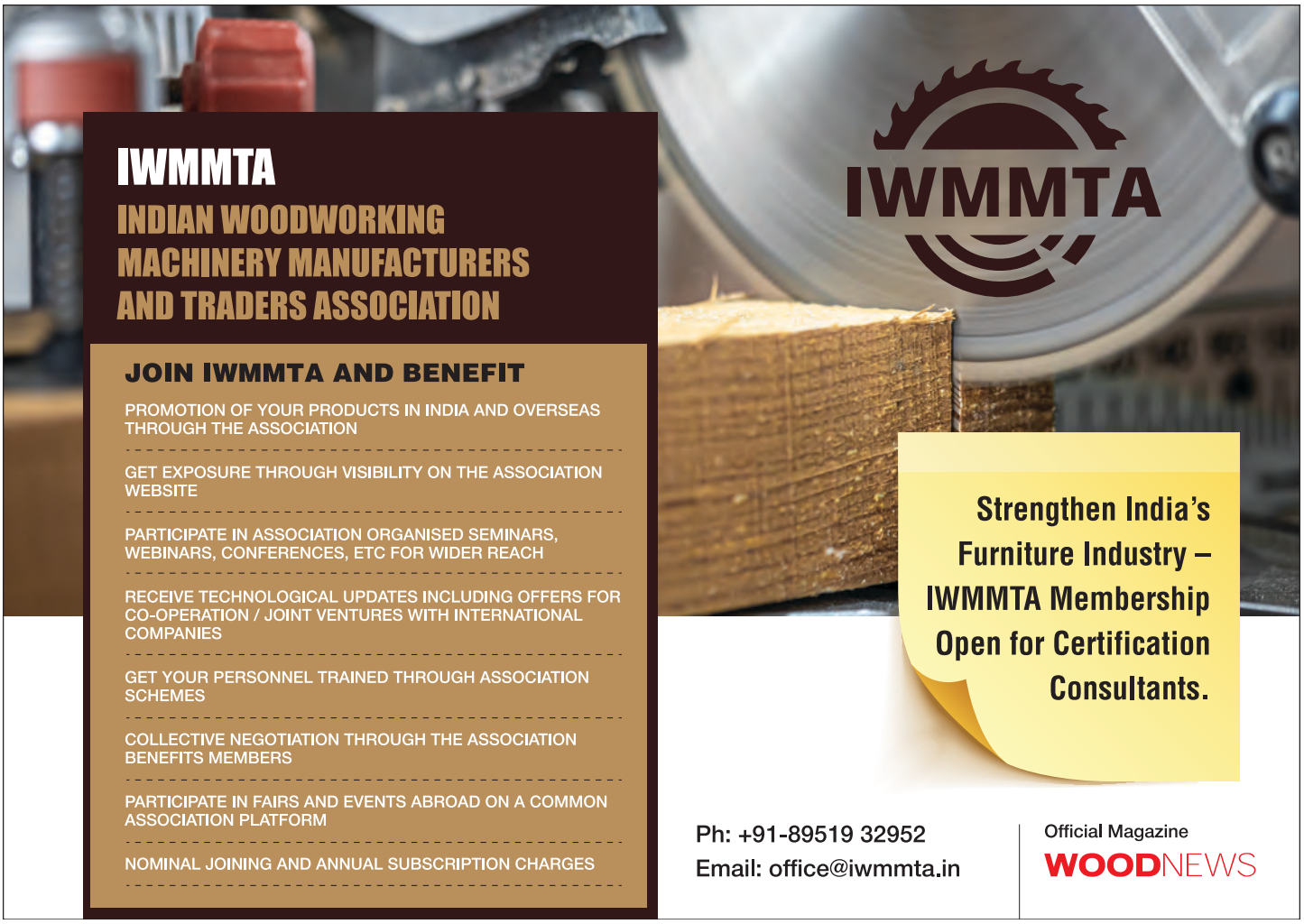
The debut palette is tight, elegant and contemporary. Together they form a mood board of grains, minerals and earth tones – rich woods for warmth, stone for grounding, industrial neutrals for restraint, all engineered with synchronized pore texture that reads as honest and tactile.

There is no excess here. No decorative noise. Just design intention.

What makes Zooper Natura compelling is also what it enables: a wardrobe shutter that matches a wall panel, that matches a curved boiserie, that merges into a furniture piece without switching materials or finishes. This is the new luxury: continuity!

Behind Zooper Natura lies Praveedh's long patience with innovation. From OpuLux to Acrymica, from ultra-matt surfaces to synchronized collections, from AM15K processing to India's largest flat lamination facility, the brand has spent more than a decade building the credibility required to launch something as ambitious as VeneerX.

To experience this shift first-hand, read the grain, run your fingers across the flutes, and admire the curves, visit Praveedh Decor in **Hall 5, Stall L515.**



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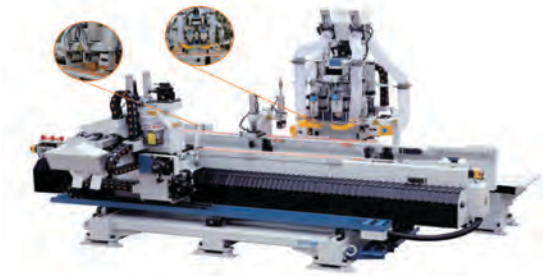

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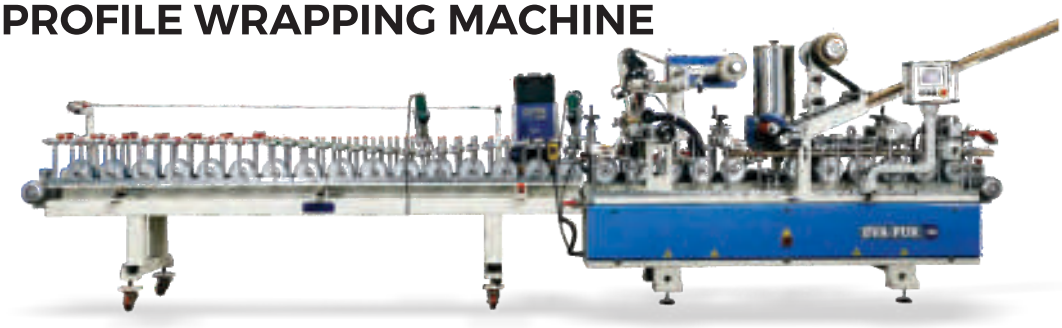

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Develop colour designs with Protego

Protego International offers a wide range of possibilities of colouring wood. This is especially in focus when new designs are developed for contemporary interior furniture. In close cooperation with architects and designers, Protego is offering its expertise in the creation and development of exceptional and exiting finishing solutions.

Protego Positive mono stain is a one-component system with the advantage that it is easy to apply and ensures no overlaps during spraying. The stain is water based and does not need colour adjustments during processing.

It is a positive stain enhancing the natural grain of the wood, irrespective of wood species. It is offered in vibrant colours like red, yellow and green, as well as traditional colours such as walnut, mahogany and teak – but also pitch black and snow white.

Protego sap-wood stain is used for wood

colour equalising. This means that sap wood turns into same colour as heart wood, thereby upgrading and utilising consumption of a particular wood species such as walnut, teak and oak much better.

After staining a de-nipping is required and the surface is ready for oiling with hard oil wax natural or a PU water-based lacquer. Should a two-dimensional appearance be required, one of the hard oil wax colours may be applied.

The possibilities of designing special effects are endless and this makes the system highly regarded.

Alternatively, colour pigments can be mixed with either Protego's exclusive furniture oil or hard oil wax. This makes staining irrelevant and the colour and staining process is done in one application.

Protego hard oil wax colour is a product which oils and colours in the same process. This can be seen as an alternative to staining and then oiling. The hard oil with pigments makes a deep penetration into the wood grain and the wax remains on the surface ensuring a long-lasting durable finish.

All Protego products are tested and certified against EN 71-3 for children's toys at Eurofins' laboratories in Denmark. All products are produced in Denmark and Thailand from 100% European premium raw materials at Protego's Danish co-owned factories in Denmark and Thailand. (www.protegowoodcare.com).

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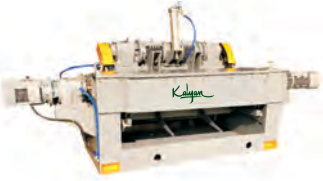
JET VENTILATED ROLLER TRACK VENEER DRYER 24 SECTION 4 DECK (WITH ALTERNATE HEATING ZONE)

SPINDLELESS ROTARY PEELING



HEAVY DUTY DEBARKING MACHINE WITH CHIPPER

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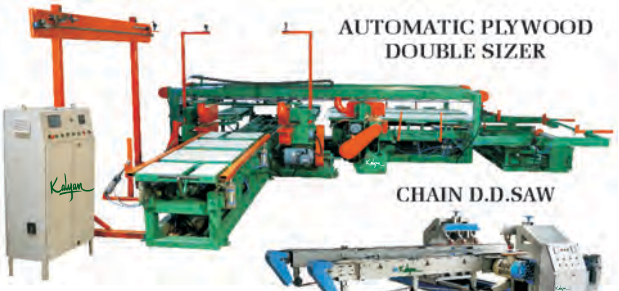

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Wintersteiger precision maximises yields

Wintersteiger Solutions develops precision-driven machinery and systems for efficient wood processing, addressing the requirements of sawmills, parquet manufacturers and solid wood processors focused on yield optimization, process stability and surface quality.

A core strength lies in the company's thin-cut technology, where machines and cutting tools are engineered as a unified system. This integrated approach enables extremely narrow kerf widths, higher recovery rates and repeatable accuracy, even when processing premium or limited raw materials.

The thin-cut frame saws and band saws are developed for high-precision lamella production with minimal material loss. Their rigid, vibration-damped construction ensures stable cutting performance, while optimized machine geometry supports clean, accurate cuts at high throughput levels.

Precisely matched to the machines, these blades are available with carbide or Stellite tips, delivering long service life, low vibration and consistently clean cutting results. The reduced kerf translates into increased usable output from each timber section, supporting cost efficiency and responsible material use.

Automation plays an important role in stabilizing production. Modular automation solutions cover material handling, feeding and downstream processes, reducing manual intervention while ensuring consistent cycle times. User-friendly control systems allow operators to quickly adapt to changing wood qualities, dimensions or batch sizes without disrupting workflow efficiency.

To address natural material imperfections, the company offers timber repair and cosmetics systems for automated surface repair. Using camera-based detection, precise filling technology and intelligent software, these systems identify and repair cracks, knots and resin pockets with high accuracy.

Richfill filler redefines plywood quality

Richfill Calibrated Filler from Richwood Industries is a multipurpose filler-cum-additive developed to address some of the most persistent challenges faced by plywood manufacturers today. Designed for efficiency and consistency, it improves bonding strength, surface finish, and overall panel quality without increasing production costs.

Indian plywood manufacturers are dealing with rising resin prices, inconsistent veneer thickness, core shortages, and increasing pressure to maintain competitive pricing.

These factors often result in common production issues such as air lines, face de-lamination, glue marks, weak bonding, and side lepa failures, even in well-equipped plants. Richfill Calibrated Filler is engineered to counter these problems through a single, calibrated formulation.

When added in small percentages to the glue line, the product enhances core-to-core and core-to-face bonding, significantly reducing air gaps and visible glue stains. This leads to stronger panels with improved structural integrity and cleaner surface appearance. The filler also improves mat putty performance, helping achieve a smooth, uniform, and weave-free finish on face veneers.

Inside lepa applications, Richfill ensures durability and stability, preventing shrinkage or material loss during handling, transportation, and vibration. Its consistent particle size and formulation allow it to perform reliably across multiple glue application stages, simplifying material management on the shop floor.

By improving bonding efficiency and surface quality while reducing rejection rates and material wastage, Richfill Calibrated Filler supports higher productivity and better yield.

The product enables manufacturers to maintain quality standards despite raw material variability and cost pressures, making it a practical solution for modern plywood production lines.

INDIAWOOD 2026

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SCM helps in high-performance manufacturing

Designed to optimise productivity, machining accuracy and production flexibility, SCM's latest woodworking technologies address the evolving needs of manufacturers focused on efficiency, quality and customisation. The solutions presented combine robust engineering, advanced automation and digital integration to support a wide range of woodworking applications.

The Morbidelli m100, a highly modular 5-axes CNC machining centre for routing and drilling, is engineered to deliver superior surface finishing and process stability, even during heavy material removal.

The JQX (Just Quality eXtreme) 5-axes direct-driven spindle head ensures vibration-free machining at high speeds, while high-performance drilling heads equipped with Ro.Ax (roto-axial spindle technology) operate at rotation speeds of up to 8,000 rpm, enabling complex multi-axes operations with consistent precision.

Operational flexibility is further enhanced by the TV Flex manual positioning table. Rails, pods and clamps can be positioned without constraints, with positioning values displayed on the TecPad remote control according to the loaded program.

Assisted positioning is supported through measuring tapes on both the frame and rails, while the tubeless design improves reliability and simplifies maintenance. The machine is powered by Maestro Suite, SCM's integrated software platform featuring dedicated modules for each production cycle, allowing fast design-to-production workflows.

The Morbidelli cx100 CNC machining centre is designed for drilling, grooving and vertical routing operations. High productivity is achieved through automated worktable tooling, eliminating operator intervention.

Drilling from the top face of the panel ensures an optimal finish by using the external surface as a reference, while a precision laser automatically reads the workpiece length and compensates for dimensional discrepancies, guaranteeing accurate alignment and perfect joints.

Edge banding requirements are addressed by the Stefani kd, developed for consistent quality across different panel types, including delicate surfaces. An upper belt presser ensures stable panel handling, while the standard SGP glue pot with anti-adherent plasma treatment allows the use of both EVA and PUR adhesives.

NC-controlled axes enable automatic setup for machining two radii and solid wood lipping up to 12 mm on panels up to 60 mm thick, with working speeds reaching 20 m/min.

A selection of joinery machines, including the 'nova si 400 circular saw', 'nova ti 105 spindle moulder' and 'profiset 60ep through feed moulder', completes the machinery on display.

Visit SCM during IndiaWood in **Hall 3A, Stall E 304.**

SCM's edge banding solutions are addressed by the Stefani kd (L), developed for consistent quality across different panel types (R), including delicate surfaces.

A selection of joinery machines, including the 'nova si 400 circular saw' (top) and 'profiset 60ep through feed moulder' (bottom) completes the machinery on display.

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Hettich gives new spin to magical motion

Hettich's SpinLines family demonstrates how entire furniture units can transition between open, closed and multi-functional configurations.

Hettich will present a comprehensive showcase of intelligent interior solutions at Indiawood 2026, bringing German-engineered precision and future-focused design to the forefront of furniture and interior innovation.

The theme is 'Transforming Spaces through Magical Motion'. At the core of the showcase is the SpinLines family, a range of advanced turning and swivelling systems that redefine conventional furniture construction.

Following the success of ComfortSpin and FurnSpin, Hettich will introduce RoomSpin, demonstrating how entire furniture units can transition between open, closed and multi-functional configurations.

These applications illustrate adaptable storage, concealed work zones, and space-efficient layouts for modern homes and workplaces, reinforcing the company's 'Spinnovate your Space' approach.

The exhibit will also feature an expanded range of hardware and fitting solutions designed to support contemporary manufacturing and interior requirements. Advanced door locks and handles will be showcased with a focus on precision engineering, durability, and smooth operation.

The Air hinge will demonstrate controlled, silent motion for premium door applications, while smart kitchen and wardrobe fittings will highlight improved accessibility, storage optimisation, and ergonomic movement.

Also on display will be Avoritech linear drawer systems developed for consistency, load performance, and refined motion, alongside table extension fittings that enable flexible furniture configurations for dynamic spaces.

Furniture lighting solutions integrated with home automation will demonstrate how illumination can be synchronised with movement and usage, adding functional value, and enhancing user experience. Visit Hettich in **Hall 5, Stall L 505.**

'RoomSpin' highlights adaptable storage, concealed work zones, and space-efficient layouts for modern homes and workplaces.

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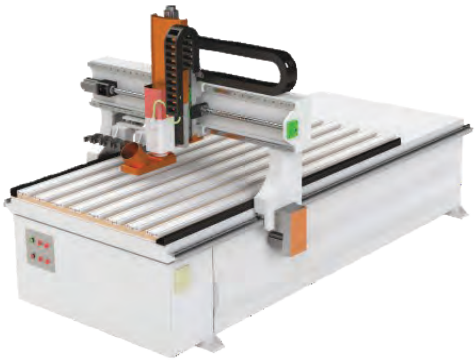
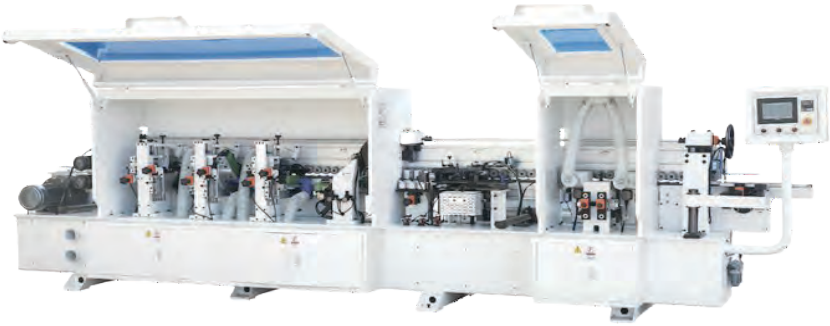


CNC Router Machine
WM-401 MC



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Homag focuses on smart machines, software, services

Homag India will welcome visitors with a complete line up of digital tools, machines and services. All of it is shaped for one goal: to make daily production smoother, faster and more reliable for the people who run it.

At IndiaWood 2026, the focus is on three areas working together: smart software, trusted machines, and services that protect and extend your investment.

Homag's digital environment solves problems of project schedules, material sourcing, etc. by connecting the workshop floor, design office, and management team into one continuous process. Visitors will see how each step flows naturally into the next, from first design to final product.

Each workpiece carries its instructions through cutting, edging, drilling and assembly. Machines get the right information at the right time. Cutting patterns are calculated for minimal waste.

Behind every well finished product is a machine that cuts, edges, or shapes a part just right.

The layout of Homag's SawTeq S-65 keeps material moving in an organised way, producing panels ready for edging, drilling, or assembly without extra handling. That makes it a reliable choice for smaller shops needing a main saw they can trust, as well as larger facilities adding capacity.

The EdgeTeq S-235 continues a platform many manufacturers already know, but adds improvements suited to current production needs. Developed entirely in India, it uses a glue system able to work with both PUR and EVA adhesives, giving flexibility to different product requirements without slowing the line.

The EdgeTeq S-380 range has been expanded with new options that give manufacturers more choice in edge processing. One version works with two common edge thicknesses without stopping for manual adjustment. This keeps production moving and avoids delays.

The CentaTeq P-100 brings versatility to CNC work, handling shaping, drilling and complex cuts in one machine. It takes on large panels with ease and works across a range of materials, from solid wood to panel products and composites.

Functions can be added or left out according to what is needed, whether upgrading a single station in a workshop or increasing capacity in a larger facility. This tailored approach avoids wasted investment and makes floor space productive.

Homag's service approach is designed to help machines continue delivering consistent results over time and adapt to changing production requirements. It includes measures that extend the working life of equipment, align machinery with current operational standards, and introduce improvements that support efficiency and quality of output.

Visitors to **Hall 3** will be able to talk with Homag's service specialists about what is possible for their operations and explore how tailored measures can strengthen performance without causing unnecessary disruption.

Homag solutions (top to bottom) SawTeq S-65, EdgeTeq S-380 and CentaTeq P-100.

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Hall – 5,

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Maria Décor upgrades ASA panels range

For years, Maria Décor's Exquiso ASA (acrylonitrile styrene acrylate) range set the industry standard for weatherable, high-impact surfaces. The company has now upgraded it to create ASAMICA pre-laminated panels.

This isn't just a rebranding; it is a comprehensive technical overhaul, representing the pinnacle of ASA technology. One of the primary upgrades is enhanced bonding strength by optimising the molecular structure of the sheet's underside to ensure a superior grip with adhesives, significantly reducing the risk of delamination or bubbling even in humid conditions.

ASAMICA also provides a guaranteed 'no batch variation' promise across the entire palette. Whether you are surfacing a single kitchen or a 500-room hotel, the colour consistency remains absolute.

With an enhanced colour palette featuring 125 vibrant shades, from bold primary colours to sophisticated pastels. ASAMICA

is available in three distinct finishes:

- Ultra-high gloss to achieve a level of clarity and depth that rivals glass, perfect for luxury cabinetry.
- Supermatt that is soft-touch, non-reflective finish that exudes modern elegance and resists fingerprints.
- Emboss patterns that are tactile textures that mimic organic materials, adding a three-dimensional layer to vertical and horizontal surfaces.

Maria Decor offers matching ASA edge bands to allows a "monolithic" look. The premium surfaces are designed to be easily cleaned even on the toughest stains. Its non-porous nature means it does not harbour bacteria, making it an ideal choice for both residential kitchens and sterile healthcare environments. It is also UV-stable and doesn't fade when exposed to indirect sunlight.

The boards are available thicknesses varying from 3 mm to 50 mm, and 8'x4' and 10'x4' sizes. The 10-foot option is a game-changer for architects, allowing for floor-to-ceiling panels without awkward horizontal joints. The product features matching backers to prevent warping over time.

Fire, acoustic door solutions from Germany

Sauerland Spanplatte is a 70-year-old, family-owned German company and is widely recognised as the world's largest supplier of door components. With a global footprint spanning 90 countries, Sauerland technology is trusted in the manufacture of over 1,50,000 doors every day worldwide.

The product profile includes 18-mm to 44-mm thicknesses in tubular variety and 24-42-mm thicknesses in solid variety. These are used to manufacture non-fire-rated door shutters and solutions for fire-rated door sets up to 60 minutes, acoustic-rated door sets up to 47 dB, and fire-cum-acoustic-rated door sets.

Represented by Pune-based Sleek Boards Group, Sauerland Spanplatte is supplying in India for nearly two decades, the products manufactured are already an approved infill option for ISI-mandated wooden doors.

Door manufacturers can now benefit from sound insulation, fire resistance, strong construction, thickness tolerance, weight reduction, E-1 emission standards, warp and swelling resistance. PEFC and FSC certification options are available on request.

The 60-minute fire-rated door manufactured using Sauerland technology consists of high-density laminated veneer lumber (LVL) for door frames, stiles and rails; 5.5 mm HDF face panels; and 42-mm solid extruded particleboard as the door infill.

To know more about this engineered construction component, its consistent quality, long-term durability and compliance with fire performance requirements, visit **Stall M 502.**

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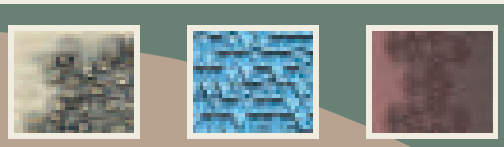

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Top-end machinery brands in Nitshaw's stable

Austrai's IMA Schelling will showcase high capacity cutting, edging and CNC machining solutions (L). Taiwan's Fullpower machines (R) are available with advanced automation controls and CE certification.

As India's woodworking and furniture manufacturing sector evolves toward higher volumes and global quality benchmarks, technology has become central to productivity and competitiveness. At the forefront of this shift stands Bengaluru-based Nitshaw Technologies, delivering world-class machinery and smart manufacturing systems tailored to modern production needs.

Nitshaw operates as a comprehensive solution provider across the wood processing value chain, representing leading global technology brands across solid wood and panel processing, surface finishing, board manufacturing, and automation.

Its portfolio spans several renowned that enable manufacturers to access proven international technologies supported by strong local expertise.

N-Prime Machines

N-Prime Machines is Nitshaw's homegrown brand, engineered specifically for Indian operating conditions. The range covers panel processing, cutting, drilling, edge banding, sanding, and finishing equipment, catering to small workshops transitioning to industrial production as well as medium-to-large factories expanding capacity.

Robust construction, operational simplicity, and low-maintenance design ensure consistent output quality, reduced downtime, and faster return on investment. The machines are optimised for variable material quality, high daily production cycles, and diverse operator skill levels, enabling quick adoption of new workflows.

Fullpower (Taiwan)

Fullpower Industrial Corp. presents a wide range of woodworking machines designed for reliable performance across panel processing and solid wood manufacturing.

Its portfolio includes panel processing machines, solid wood working equipment, edge banding and trimming machines, drilling and boring systems, CNC routers, and precision sanding machines.

Complementary equipment such as band saws, rip saws, planers, and spindle moulders allow manufacturers to build integrated production setups from raw material preparation to finished components.

Fullpower machines are built with an emphasis on robust mechanical design, practical usability, and repeatable machining accuracy. Many models are available with advanced automation controls and CE certification, supporting safe operation, reduced downtime, and consistent output quality.

Koch (Germany)

Koch Machinery brings high-precision drilling and dowel insertion systems engineered for furniture, cabinets, and interior components. Featured machines include the Unidrill series for through-feed drilling of narrow parts, BD-Hybrid select. line for complex drilling tasks, SBD select. line combining sawing, drilling, and dowel insertion, WINDOOR select.line for window and door components, and Multiflex systems for medium-volume production.

These machines combine mechanical strength, automation, and production flexibility, ensuring high repeatability even in continuous industrial use.

IMA Schelling (Austria)

IMA Schelling showcases high capacity cutting and CNC machining solutions for panel production lines and modern furniture manufacturing. The portfolio includes Cutmaster and BeamSaw series panel saws, CNC machining centres for drilling and routing, and automated panel storage and material handling systems.

Designed for accuracy and efficiency, these systems support batch-size-one production as well as industrial-scale output, making them ideal for modular furniture and decorative panel manufacturing.

Houfek (Czech Republic)

Houfek presents wide belt sanders, duplex double-sided sanders, edge sanders, and specialty machines for curved and detailed

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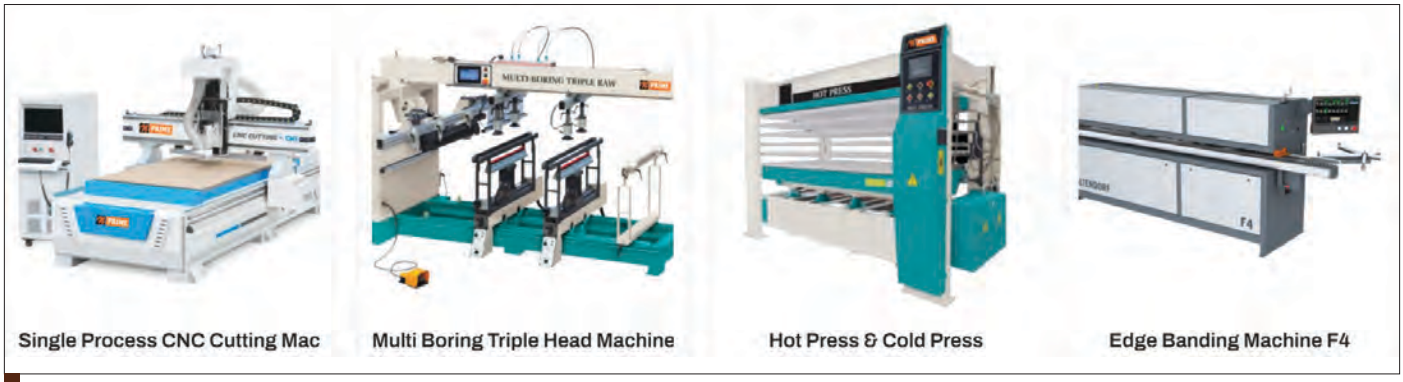


N-Prime Machines is Nitshaw's homegrown brand, engineered specifically for Indian operating conditions.

components. The Tivra series and Duplex 1100 RRR-RRR enable high-throughput panel finishing, while HB series machines support precise edge sanding.

Imeas (Italy)

Imeas showcases its EvoL sanding machines with full control system and full control belt technology, delivering precise thickness calibration, repeatable surface quality, and integration with Industry 4.0 production environments.

Venjakob (Germany)

Venjakob demonstrates advanced spray and roller coating systems for decorative and functional surfaces. Automated spray lines, high-efficiency roller coating systems, and integrated surface finishing solutions enable uniform coating quality, high material transfer efficiency, and scalable production for batch-size-one and serial manufacturing.

Monguzzi, Fischer+Rückle (Italy)

Monguzzi and Fischer+Rückle offer integrated veneer processing solutions, covering veneer cutting, splicing, glue application, and automated preparation lines. These systems support high-speed veneer processing with consistent joint quality for premium furniture and interior applications.

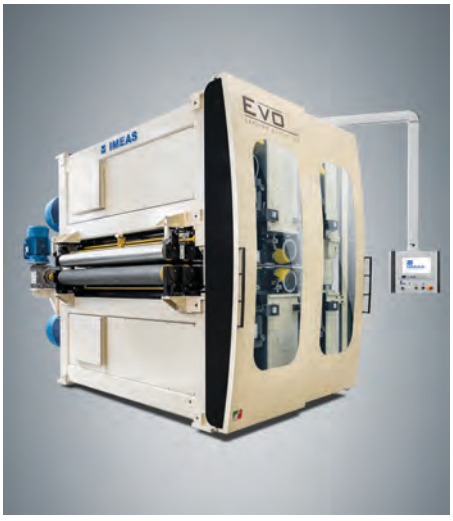
Wemhöner (Germany)

Wemhöner presents advanced press systems including short-cycle presses, membrane and vacuum presses, through-feed press lines, and laboratory presses. These solutions enable high-speed lamination, 3D surface shaping, and consistent decorative finishes with precise process control.

Baumer (Germany)

Baumer Inspection Systems showcases optical quality control solutions for raw boards, decorative panels, and finished components. Integrated platforms such as Q-Brain Classification and Q-Live enable real-time defect detection, process optimisation, and data-driven production control.

All showcased technologies are supported by Nitshaw's full-service infrastructure covering project consultation, installation, training, spare parts, and after-sales service. Visitors can experience live demonstrations of machines at **Hall No. 4, Booth No. H424B.**



Imeas from Italy will showcase its EvoL sanding machines (top), while Germany's Wemhöner will present advanced press systems (bottom).

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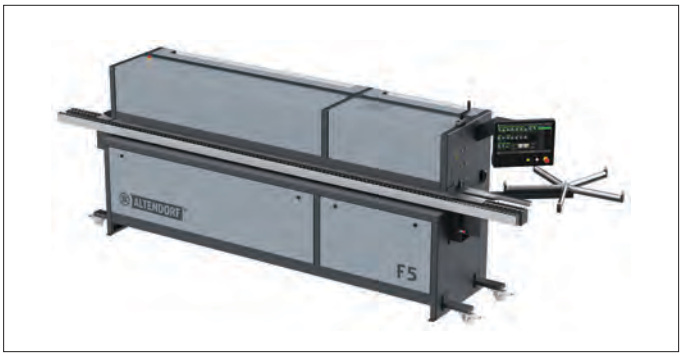
Altendorf displaying digital readiness, precision



The F35 panel saw (L) combines stable construction, precise cutting accuracy, intuitive controls, and ergonomic operation. Altendorf's F and K series edge banding machines (R) are designed for craft workshops and industrial environments.

Altendorf is showcasing a comprehensive portfolio of precision woodworking solutions developed for reliability, safety, and everyday workshop efficiency at IndiaWood 2026.

The focus this year is on format panel saws, advanced edgebanding systems, AI-supported safety technology, and IIOT-enabled digital tools designed to simplify operations while improving accuracy and productivity.

A key highlight is the new Altendorf F 30 format panel saw, introduced in India for the first time. Developed as the next evolution of the proven WA 8, the F 30 retains the core strengths that Indian workshops rely on while adding enhanced functionality, improved ergonomics, and greater operating convenience. The machine is engineered to deliver consistent precision, smooth cutting performance, and higher efficiency across daily cutting applications.

Alongside the F 30, Altendorf presents the F 35 format panel saw, a versatile solution designed for workshops with varied production needs. The F 35 combines stable construction, precise cutting accuracy, intuitive controls, and ergonomic operation.

It will be displayed in multiple configurations, ranging from flexible all-round machines for routine tasks to heavy-duty variants built for continuous, high-demand production. All configurations are IIOT-ready and prepared for integration with the Altendorf Nexus platform.

Altendorf's F- and K-Series edgebanding machines form another major attraction at the booth. Designed for both craft workshops and industrial environments, these machines deliver clean, reproducible edge quality with high process reliability.

The latest models emphasize ease of use, featuring faster heat-up times, intuitive touchscreen operation, modular cassette systems for quick material changes, and tool-free motor replacement for the corner rounding unit. A sensor-controlled double trimming system ensures consistent precision, while RGB and LED status indicators improve machine visibility.

The 15-inch touchscreen with 3D visualizations allows simple navigation and clear process control. Live demonstrations will present all core edgebanding steps in real time.

Safety and digitalization play a central role through Hand Guard, Altendorf's AI-supported safety assistance system for panel saws. With enhanced intuitive handling, the system detects potential hazards in real time and helps prevent accidents without interrupting workflow. The solution complies with strict European safety standards and has been extensively tested by accredited institutions.

Complementing the machinery is the Nexus IIOT platform, offering real-time machine transparency, simplified maintenance, remote support, and structured digital workflows for modern workshops.

The Hand Guard is Altendorf's AI-supported safety assistance system for panel saws.

Egger unveils Decorative Collection 26+

The Egger Decorative Collection 26+ introduces a refreshed, future-ready range of decors, surfaces, and products designed to meet evolving furniture and interior design requirements.

Available from February 2026, the updated collection is built around a new two-year rolling concept that enables faster access to innovations and more responsive updates aligned with changing market trends. This approach ensures designers, architects, fabricators, and retailers always have access to a relevant, and globally consistent portfolio.

A key highlight of the collection is the expanded range of uni-colours, with a strong focus on the trend colour beige. Warm, balanced and visually soft, beige brings harmony to interior spaces and pairs effortlessly with a wide variety of materials and colour palettes.

Unlike stark whites or darker tones, beige offers versatility while enhancing comfort and visual cohesion in residential and commercial interiors alike. Wood reproductions also see significant innovation, with new linear Italian-style designs that reflect refined European aesthetics.

The collection introduces the décor H1316 ST17 Bookmatch Oak, delivering highly authentic and natural wood visuals without visible pattern repetition. This is complemented by the new matte all-over wood texture ST17 Omnipore Oiled, which enhances tactile realism and surface depth.

Surface innovations extend further with additions to the PerfectSense Matt range. Expanded colour options are now available across PM and TM surfaces on MDF, particleboard and laminates, allowing consistent decor and material combinations across applications.

All new introductions are guaranteed to remain in the product range for a minimum of 4 years, offering long-term planning security for.

The Decorative Collection 26+ reflects the company's focus on flexibility, reliability, and practical design value. A globally standardised decor and product range is supported by locally adapted stock programmes, ensuring both international consistency and regional relevance.

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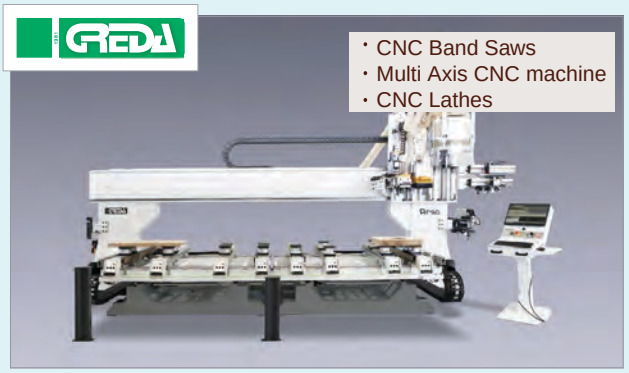

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Teknovace has wide range of coating solutions

Teknovace Remmers manufactures a wide-ranging product portfolio designed to enhance, protect, and extend the life of surfaces across wood, automotive, industrial, construction and decorative applications.

The wood coatings range is developed to preserve the natural beauty of wood while offering robust, long-term protection. Solvent-based wood coatings provide deep penetration, high durability, and a rich, luxurious finish that enhances grain clarity and surface elegance.

These coatings are engineered for environments where strength, longevity and visual appeal are critical. Complementing this range, water-based wood coatings offer eco-smart performance with excellent adhesion, smooth application, and reliable protection, meeting modern sustainability requirements without compromising finish quality.

For high-speed industrial processes, UV curable coatings deliver rapid curing, superior surface hardness, and production efficiency while maintaining premium finish standards.

In automotive refinish applications, Teknovace Remmers delivers solutions that recreate factory-quality finishes with workshop efficiency. The coatings are formulated for precision, fast application, and long-lasting protection, supporting both quick repairs and complete refinishing jobs.

Rubbing and finishing compounds further enhance surface clarity and smoothness, ensuring a flawless professional-grade finish across automotive and industrial surfaces.

The industrial coatings portfolio addresses the toughest operating conditions. General industrial coatings provide strong resistance to corrosion, abrasion, and chemical exposure, protecting machinery, components, and fabricated structures.

Glass and plastic coatings improve scratch resistance, UV stability, and surface durability, making them suitable for a wide range of technical and aesthetic applications. Protective coatings are designed to safeguard critical assets and infrastructure, extending service life even in harsh environments.

Waterproofing systems protect structures from moisture ingress, seepage, and dampness, ensuring long-term structural integrity. Floor coating solutions combine durability, chemical resistance, and refined aesthetics for industrial and commercial spaces with high traffic demands.

The decorative paints range completes the portfolio with interior and exterior solutions that balance visual appeal with endurance. Texture finishes add depth and character, enabling creative expression while maintaining surface protection.

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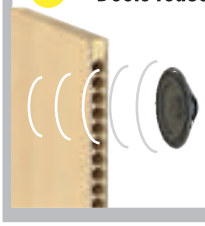

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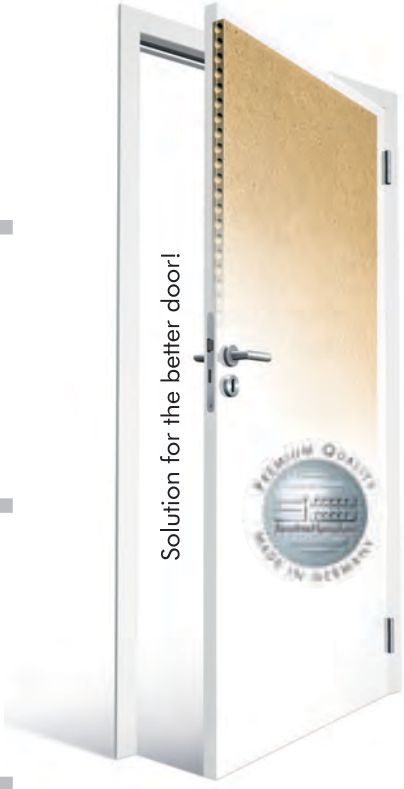
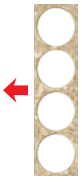


8 Swelling in thickness less than 5%



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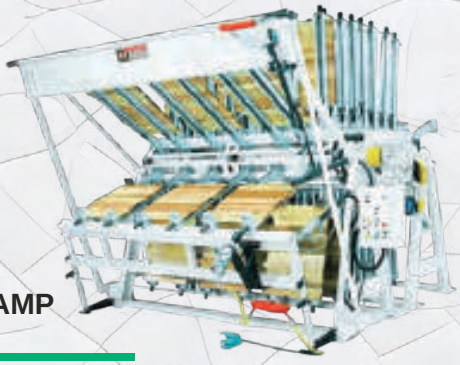

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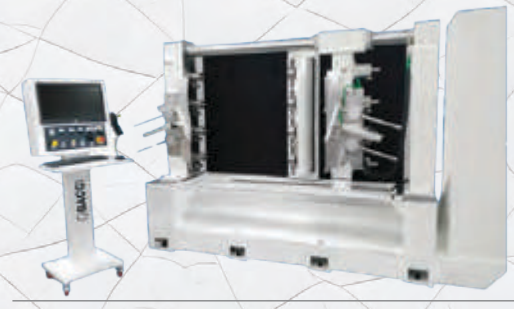

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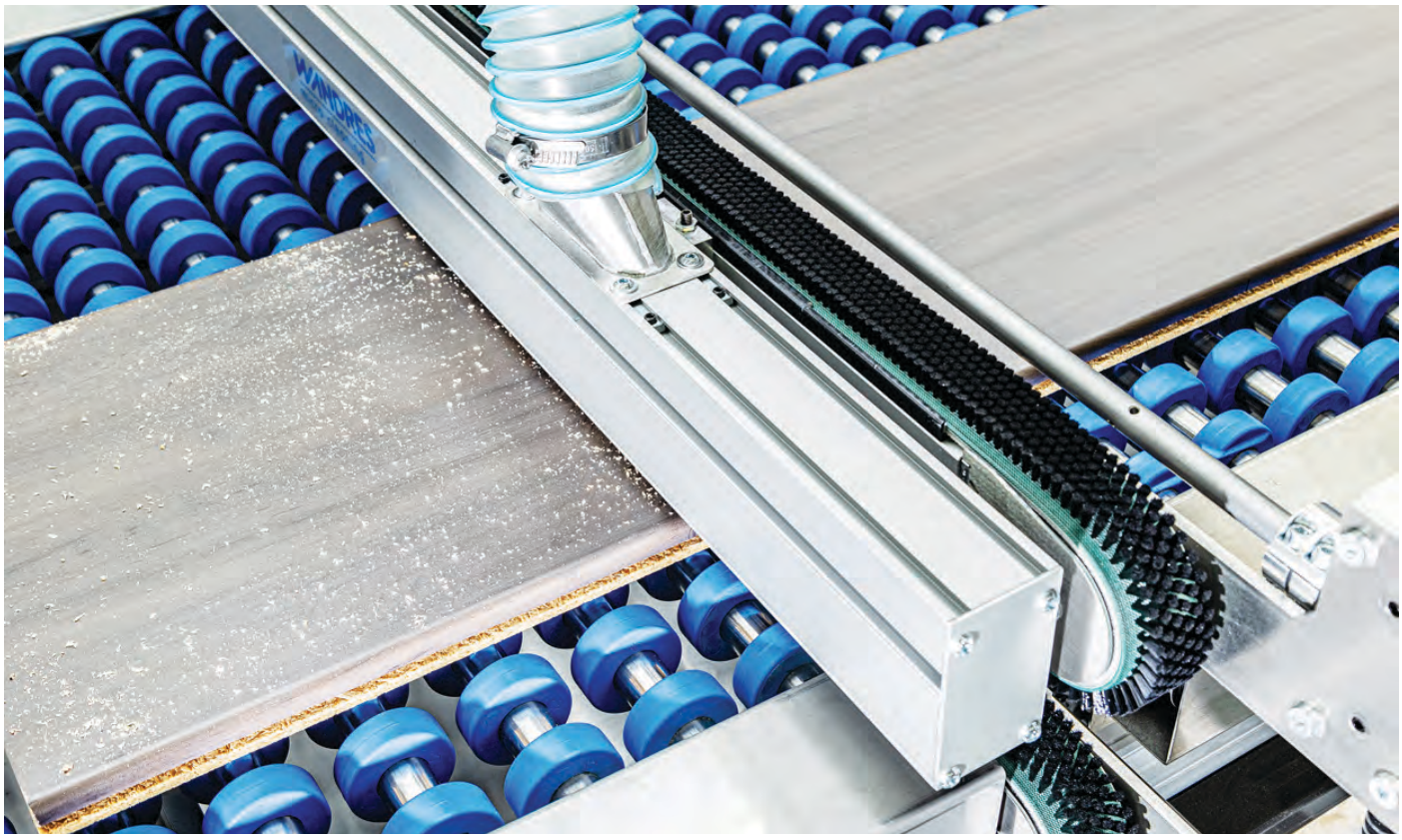
Deep cleaning with Wandres micro-filaments



Industrial environments where high production speeds and flawless results are required, need efficient cleaning solution to thoroughly remove the various particles and chips. A range of methods are available, such as compressed air cleaning or manual dust removal.

However, manual procedures are time-consuming and generate high labour costs. Compressed air processes are expensive to operate and are also unable to remove very fine dust that adheres strongly to the surface.

Enter Combi Sword brushes Una U that takes just a few steps to integrate the various types of into industrial processing lines. Wandres GmbH has specially designed them to react appropriately to the changing particle load in continuous operation and ensure consistently high cleaning effectiveness.

At the heart of the new Una U product range are special micro-filaments. Due to their fine structure compared to conventional brushes from other manufacturers, they can reliably pick up even tiny dust particles and feed them into the extraction system.

Cleaning with the Combi Sword brush Una U eliminates the need for cleaning and anti-static agents, which reduces both operating costs and environmental impact.

The pressure buffer is a crucial element here, as it ensures that the filaments stand vertically on the surface without bending, meaning they are in the best position to remove the particles from the surface. This mechanism enables the system to adapt to different surfaces.

The brush regenerates itself automatically thanks to a continuous self-cleaning function, which enables consistent results around the clock. Particles are removed from the brush mechanically via a roto rack and pneumatically via a self-cleaning nozzle.

By installing an air pre-cleaning stage at the infeed of the brush, large quantities of particles are sucked up directly instead of falling to the floor.

It may still make sense to equip the brushes with the Ingromat system for some surfaces or applications, for example before applying the topcoat. In this case, instead of micro-filaments, brush filaments with a slightly larger filament diameter are used.

These are permanently coated with a microfilm of the cleaning and antistatic agent bearing the same name. Micro-moistening ensures the necessary adhesion between the dust particles and the filaments and minimises the use of cleaning agents, while the subject surface remains dry.

The brush system does not take up much space in existing production lines because of its small footprint. The machine is also available in different nominal widths so that it can be adapted to the roller conveyor width on site.

Further information is available online at www.wandres.com

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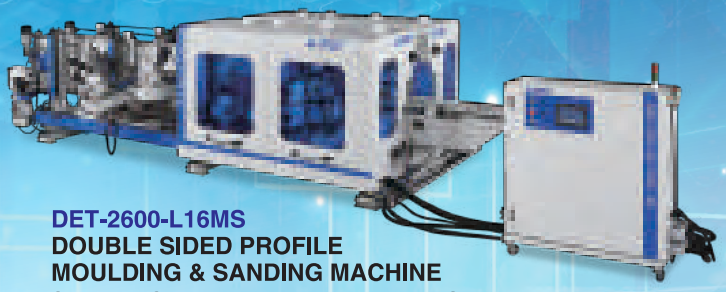

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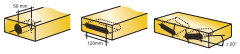

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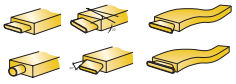

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Hipoint has multi-functional tenoners

Hipoint's double-end tenoners focus on high efficiency, machining accuracy, and long-term process stability. As manufacturers move toward higher output and tighter quality tolerances, double-end machining has become essential for consistent mass production.

The advantage of a double end tenoner is its ability to machine both ends of a workpiece simultaneously in a single feed. This process significantly reduces cumulative tolerance errors and minimizes manual handling, resulting in improved dimensional consistency, squareness and surface quality. The system is especially effective for long panels and large furniture components, where stability during high-speed machining is critical.

Depending on configuration, Hipoint machines can perform double-end sizing, profiling, sanding, chamfering, edge banding and grooving. This reduces the need for secondary machines, simplifies

production-line layouts, and improves overall throughput while lowering the risk of operator-induced errors.

A key structural feature is the flexible rail-base architecture. Unlike conventional fixed-base designs, the machine length can be adapted to different production layouts and product sizes. The rail-based structure distributes machine weight evenly along the base, effectively reducing vibration and deflection during high-speed operation.

Precision linear guides and high-accuracy bearings further enhance rigidity, ensuring consistent machining accuracy and long-term durability even under continuous production conditions.

Feed speeds and working heights can be adjusted to suit varying board thicknesses and material characteristics. This modularity also simplifies maintenance, reduces downtime, and supports flexible production planning.

Operational stability is supported by synchronized feeding mechanisms and PLC-based control systems. These systems enable smooth

Singapore Coatings: finishes redefine surfaces

With the rise of advanced special effect finishes, wooden surfaces have evolved into expressive design elements capable of mimicking metal, stone, textiles, and even celestial textures.

Singapore Coatings by Polycoat International introduces a new generation of special effect finishes that allow designers and manufacturers to push creative boundaries while retaining the versatility and workability of wood.

At the forefront of this transformation is a comprehensive metallic finishes portfolio. Liquid Metal finishes incorporate real metal particles suspended in a resin system, enabling wooden substrates to achieve the authentic look and feel of solid gold, copper, bronze, or brass once sanded and polished.

Satin Metal and Steel finishes offer a softer, low-sheen metallic appearance, inspired by brushed stainless steel and anodised aluminium, making them suitable for contemporary furniture and architectural elements.

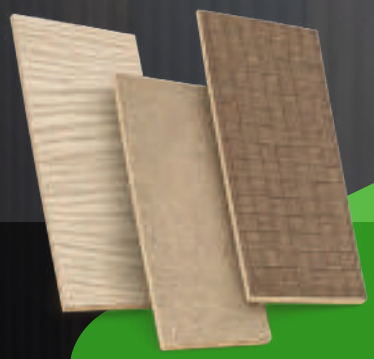
Industrial-inspired Corten and Antique Rust effects replicate oxidised steel and aged iron, while Patina finishes recreate the natural ageing of copper and bronze, adding depth and character to new surfaces.

Beyond metallics, Singapore Coatings enables wood to replicate the visual strength of stone and geological textures. Marble effects reproduce the veining and depth of classic stone surfaces, allowing lightweight wooden panels to replace heavy stone installations.

Moon Rock and Mars Rock finishes introduce heavily textured, cratered surfaces that add tactile drama to feature walls and bespoke furniture. Cement and Sand effects further expand design options, offering urban, earthy, and architectural aesthetics without the limitations of real materials.

Artistic and vintage-inspired finishes add another layer of expression. Crackle effects create distressed surfaces with visible base layers, giving furniture an aged, time-worn appearance. Ombre finishes introduce seamless colour gradients that add movement and visual flow across surfaces. Mother of Pearl finishes deliver an iridescent, light-reactive surface, ideal for high-end accents and statement pieces.

A defining aspect of these finishes is their focus on sensory experience. Soft Feel, Soft Touch, and Velvet Touch coatings provide a smooth, matte hand-feel that enhances user interaction while eliminating the hardness of conventional lacquers. Hydrophobic coatings further improve performance by repelling water, enhancing surface protection, and simplifying maintenance.



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Woodtech machines conform to international standards

Woodtech has built a reputation in the woodworking and panel processing industry with machinery designed for precision, consistency, and long-term reliability.

At India Wood 2026, the company will be introducing its first Made-in-India woodworking machines built to international quality standards.

WK-610 – Auto Double Surface Planer

This is a high-precision double surface planer with spiral cutter head and digital readout, designed for smooth and accurate panel planning. It handles widths up to 635 mm and thicknesses up to 200 mm, with variable feed speed and powerful top & bottom cutter motors for consistent, high-quality finishes.

WR-16 – Straight Line Rip Saw

This Straight-Line Rip Saw is engineered for precise ripping, supporting panel lengths from 200–2500 mm. It features a 10 HP saw arbor, adjustable feed speed, auto guide fence, and 3W laser detection, delivering fast, accurate cuts with minimal operator effort.

WNCT-115 – CNC Tenoning Machine

A versatile CNC tenoning solution for complex joinery. It offers tenon widths up to 180 mm, spindle speed 7000 RPM, and multi-axis servo-driven operation for precision and flexibility in cutting various panel profiles.

WM-14-2 – Multi-Blade Rip Saw

This is a high-capacity multi-blade rip saw with 40 HP saw motor and variable feed speed, capable of cutting panels up to 120 mm depth. Sturdy construction ensures stable, efficient, and high-volume production.

Holz-Her has advanced nesting CNC tech

Holz-Her, part of the globally recognised Weinig Group, has developed the Panel Center N 1228 to bring advanced nesting CNC technology to workshops of varying sizes. The machine is manufactured to stringent European quality standards, combining robust engineering with cost efficiency suited to evolving production environments.

The machine is constructed on a rigid, powder-coated steel chassis designed for long-term stability under continuous operation. High-precision absolute encoder drives ensure repeatable positioning accuracy across all axes, while the open software docking concept allows unrestricted use of preferred CAD/CAM platforms, enabling easy integration into existing digital workflows.

Machining performance is driven by a powerful 12-kW spindle operating at speeds of up to 24,000 rpm. A 16-position rotary tool changer mounted directly on the beam significantly reduces tool change times and supports both ISO and HSK tool holders.

This configuration improves cycle efficiency while supporting a wide range of routing, grooving, and contouring applications. A vertical drilling head with up to nine spindles enables precise drilling in a single setup, reducing secondary operations.

Material handling is managed through a matrix vacuum table with software-controlled zoning. This ensures secure clamping of panels of different sizes while optimising vacuum usage. The setup supports accurate machining of complex nested jobs and improves material utilisation.

The Panel Center N 1228 is designed with a future-ready architecture that allows manufacturers to scale automation as production volumes increase. Optional upgrades include offload conveyors, lifting tables, and integrated Power Label systems, enabling gradual automation without replacing the core machine.

Three configurations are available to suit different production requirements. The Classic version features manual loading and unloading within a compact footprint.

The Push version adds an integrated pusher and motorised offloading conveyor for semi-automatic unloading. The Lift version supports fully automated production with labelling before machining, automated job lists, full safety-zone protection, and true one-operator supervision.

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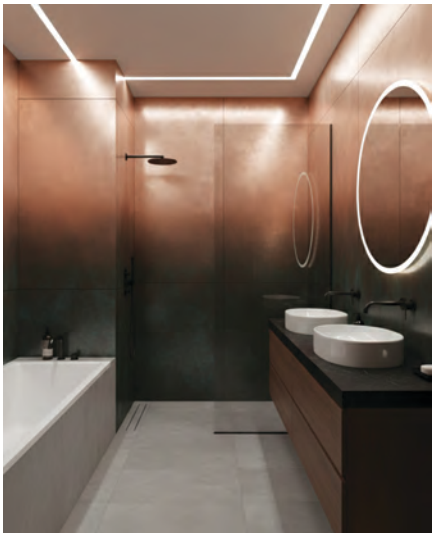
Transformative finishes from Sirca Paints

Sirca Paints is presenting Liquid Metal and Ombré Metallic finishes that redefine wooden surfaces through texture, depth and controlled luminosity. These finishes are developed to transform furniture into expressive design elements while retaining performance, consistency, and long-term durability.

Designed using advanced coating technology and aligned with global design sensibilities, Sirca's metallic finishes introduce a refined material language for furniture and interior surfaces. They are created for architects, designers, and furniture manufacturers seeking precision, individuality, and visual impact without compromising functionality.

Liquid Metal finishes replicate the authentic appearance and tactile depth of real metal. With a high concentration of metallic content, the surface achieves a sculpted, dimensional quality that reacts dynamically to light.

Surfaces can be polished for a smooth,



reflective finish or treated with brushed and oxidized effects for a more industrial or handcrafted look. The palette includes warm brass and antique gold, along with contemporary chrome, pewter, and darker metallic tones, allowing designers to customise surfaces with precision.

For clean-lined interiors and minimalist furniture, Sirca's Chrome Metallic finishes deliver clarity and controlled reflectivity. These finishes add refinement and balance, enhancing doors, panels, furniture accents, and architectural elements without overwhelming the overall design.

Engineered for uniform application and long-term durability, Chrome Metallics retain their sheen over time, making them suitable for both residential and commercial environments.

Ombré Metallic finishes introduce movement and visual drama through seamless tonal transitions. Gradual shifts between light and dark metallic shades create depth and a sense of motion across wooden surfaces.

Effects such as Brass Ombré display a nuanced play of light and shadow, resulting in surfaces that evolve visually under changing lighting conditions. These finishes are ideal for statement furniture, feature panels, premium wardrobes, and bespoke interior elements.

Jai provides integrated woodworking solutions

Jai Industries is a comprehensive manufacturer of woodworking and panel processing machinery, offering technologically advanced, cost-effective solutions for furniture manufacturers across India and global markets.

The company operates multiple state-of-the-art manufacturing facilities with large-scale production capacity and delivers machines engineered for consistency, accuracy and long-term reliability. Its product portfolio spans premium, economical and specialised machinery ranges to address the complete spectrum of industrial requirements.

The Optimus range caters to high-end panel processing and smart factory environments, Modula serves start-ups and small-to-medium enterprises with efficient solutions, Wudpro addresses solid wood processing needs, and Fenstec focuses on machinery for uPVC and aluminium doors and windows.

Supporting this portfolio is Jai Care, the company's dedicated after-sales service division with an extensive nationwide network of trained engineers ensuring minimal downtime and sustained machine performance.

The OptiEdge 8.9 PUR is a fully automatic soft-forming edge banding machine developed for precision profiling, stable operation and high-quality edge finishing. It is designed to handle straight, bevelled and profiled edges with consistent accuracy in demanding production environments.

Salient Features

- Fully automatic soft-forming edge banding machine
- 15″ Smart Touch PLC control panel with intelligent one-click operation
- Precise mould clamping with accuracy error within 0.5 mm
- Heavy-duty beam transmission for smooth and stable processing
- Processing speed up to 8 m/min
- High-end branded components for operational stability across varied climates
- High efficiency, precise processing and convenient machine controls

Technical Information

The pre-milling unit is equipped with two heavy-duty high-frequency motors supplied with diamond cutters as standard, ensuring accurate edge preparation before banding. The machine supports bevel, straight and fine pre-milling operations, allowing 45-degree edges, straight edges and different profiles to be machined in a single pass using a high-frequency motor.

The UR unit, supplied as standard, features an independently developed reverse linkage PUR glue pot. PUR glue is used for forming, bonding and sealing edges, delivering superior adhesion and long-term stability. Glue application is handled through a precision glue spreading roller, ensuring uniform coating across the edge surface.

The bevel, straight and profile pressing unit uses multiple heavy-duty pressure rollers to ensure perfect adhesion on straight, inclined and profiled edges. The top trimming unit for profiles is driven by a compact high-frequency motor, while the end cutting and trimming unit employs two high-frequency motors to achieve clean and accurate edge finishes. The rigid, vibration-free structure enhances finishing quality, with the 2R trimmer cutter delivering precise trimming.

A dedicated scrapping unit removes trimming marks from PVC and ABS edges, supported by rotating copiers for consistent results. A safety air tank is provided to prevent air pressure drops during operation, ensuring uninterrupted processing.

OPTIEDGE 8.9 PUR

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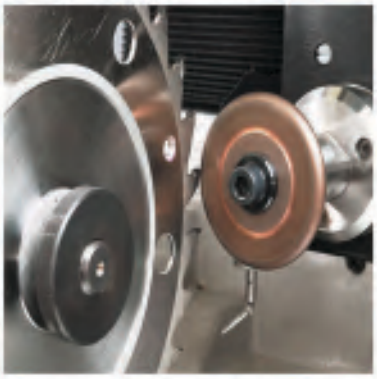

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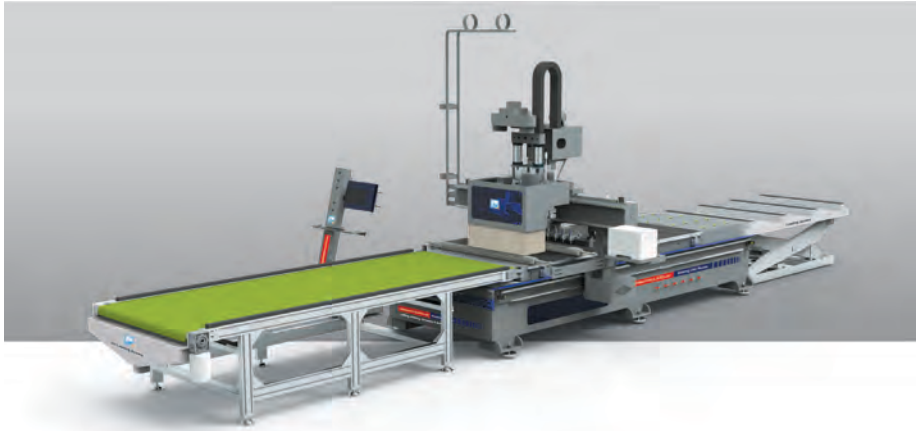

OPTIROUT 9.9V (L-ATC) LNU

The OptiRout 9.9V is a high-performance nesting CNC router with Loading & Unloading System designed for cutting, routing, grooving and boring operations in a single optimized cycle. The machine combines heavy-duty construction with advanced automation to improve productivity and reduce manual handling.

Salient Features

- Nesting technology with panel optimization for single-operation processing
- High feeding speed for increased production output
- Linear-type 12-position auto tool changer mounted on gantry
- Strong helical rack and pinion with high-precision linear rails
- Reduced material handling time and labour cost
- Low space requirement and reduced power consumption
- Ability to process straight, round and L-shaped panels
- Lower tooling cost and reduced capital investment

Technical Information

The machine is equipped with a precision 9 kW heavy-duty ATC spindle supported by a vertical boring head for accurate drilling operations. Tool change time is minimized through a linear 12-position auto tool changer on the gantry and an additional rotary-type 16-position auto tool changer, ensuring uninterrupted workflow during complex machining cycles.

A double-layer nesting table provides secure and stable holding of workpieces, enabling high-speed machining without vibration. Motion accuracy and durability are ensured through heavy-duty linear rails, large helical rack and pinion systems and precision components designed for continuous industrial use.

Heavy-duty servo motors combined with Shimpo reducers deliver smooth motion control, high cutting accuracy and long-term reliability, even under demanding production loads.

The UltraEdge 9.7P is a high-speed automatic edge banding machine engineered for large-scale production environments requiring superior edge quality at high feeding speeds. Its rigid construction and advanced processing units ensure consistent performance and precision.

Salient Features

- Complete stability at feeding speeds up to 30 m/min
- 21″ Smart Touch PLC control panel
- Belt conveyor feeding system
- Double end cutting and four-motor round cornering
- Top glue tank with quick melting device and PUR glue option
- Six pressure rollers with scraper for perfect pressing
- Diamond cutters for pre-milling and trimming
- Heavy-duty pillar-type round cornering unit
- Glue scrapping unit for ultra-fine finish
- Clip-out unit for scrapping waste removal
- Encoder for edge banding tape measurement (OMR)
- Heavy-duty gearbox and conveyor motor
- Safety air tank provision

Technical Information

The pre-milling unit consists of two heavy-duty high-frequency motors supplied with diamond cutters as standard, ensuring accurate and consistent panel edge preparation. The gluing, banding and edge cutting system uses a servo-controlled four-channel feeding mechanism with both top and bottom glue tanks. The top glue tank features a quick melting device to reduce glue wastage and supports PUR glue as an optional configuration.

Glue application is handled through a precision glue spreading roller, followed by six heavy-duty pressure rollers with integrated scraper to ensure strong and uniform adhesion. Edge banding materials up to 60 mm height and 3 mm thickness are cut smoothly using a heavy-duty pneumatic knife system.

The double end cutting unit employs two high-frequency motors mounted on prismatic guideways with recirculation ball bearings, allowing clean and accurate trimming at high speeds. Rough and fine trimming units with pneumatic adjustment use vibration-free structures and high-frequency motors to deliver consistent edge finishing on straight panels.

The four-motor round cornering system uses heavy-duty pillar-type units that slide on robust prismatic guideways, ensuring precise rounding of PVC and ABS edges on straight, chamfered and post-formed panels even at high feed rates. Glue scrapping and clip-out units provide final surface refinement while efficiently removing waste.

ULTRAEDGE 9.7P

Additional support features include pressure belt conveyor feeding, in-feed plates with rollers for smooth loading, narrow piece feeding capability, small support rollers for panels with holes, backside support rollers for stable end cutting, and a safety air tank to prevent air pressure loss during operation.

Elite offers finishing line automation

Elite Finishing Systems specializes in high-performance paint booths, dust collection systems, and complete finishing line automation, serving manufacturers who demand high-volume output with uncompromised finish quality.

Its advanced spray booth solutions with multiple configuration options – manual, semi-automatic and fully automated – are designed for superior airflow management, minimal overspray, and flawless surface finishing.

Elite's high-efficiency dust collectors are engineered to maintain clean and safe work environments while protecting machinery and improving overall operational efficiency.

Elite also undertakes complete finishing line automation, special projects and turnkey finishing lines, integrating automation to increase productivity, reduce manpower dependency, and ensure repeatable high-quality finishes.

Shantanu Kumar Ghosh

Consultant - Wood Working Industry

Mechanical Engineer having **more than 40 years** of experience in the **Industry in India and Abroad**. Also worked with **TUV India Pvt. Ltd.** for their **QMS** and **EMS audit.**

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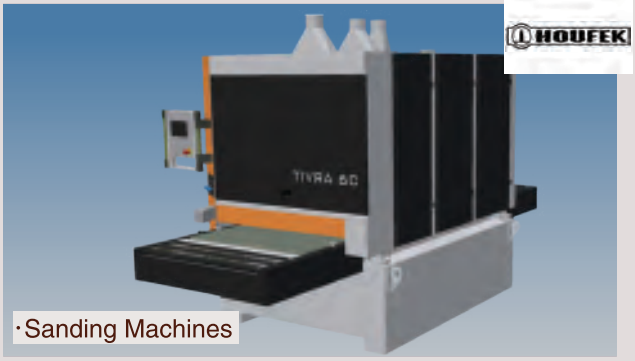

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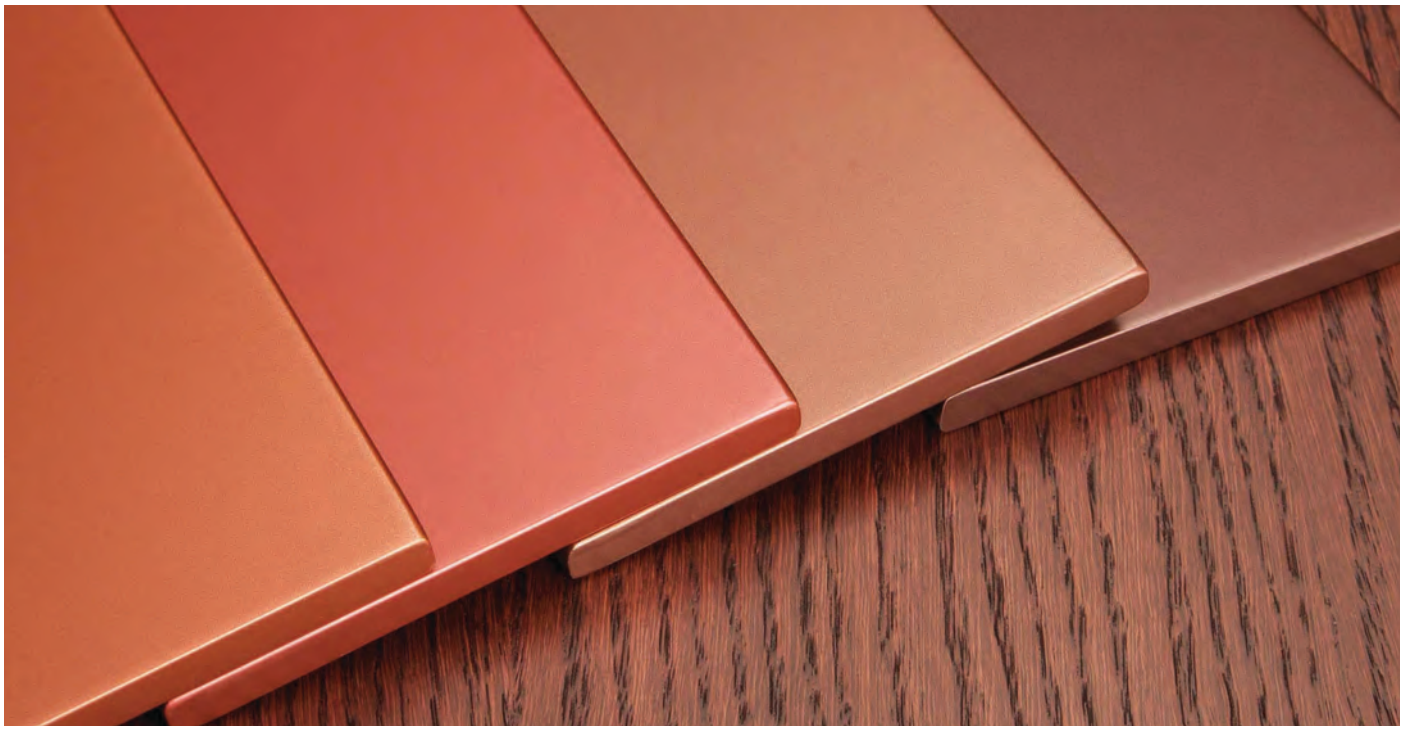
ICA Pidilite coatings: high surface perfection

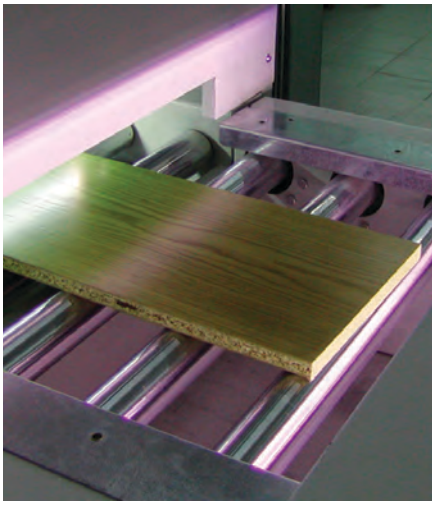


ICA Pidilite's coating solutions sit right at the intersection of batch-to-batch consistency, faster production cycles, reliability at scale and sustainability for the furniture manufacturing industry.

With technical lineage from the ICA Group in Italy and local manufacturing in India (Jambusar, Gujarat) ICA Pidilite brings to the market quicker turnaround, fresher availability, and the ability to develop and tune products around end-use needs.

In high-volume furniture and panel processing, UV technology is increasingly being adopted for a simple reason: it increases the rate of production. Instant curing reduces drying bottlenecks, compresses cycle times, and improves predictability across shifts.

ICA Pidilite is the first Indian company to pioneer the manufacturing of UV coatings, a breakthrough that redefines efficiency for the industry. Excimer-enabled systems such as S-MATT UV solutions are especially relevant as demand rises for ultra-matt surfaces with high surface perfection, where



even minor defects are immediately visible.

The portfolio includes coatings compatible with LED and LED-UV lamps, along with specialised solutions for edges and borders, a critical focus area in modular production.

The shift toward water-based coatings is driven only by "green preferences" and long-term stability. ICA Pidilite's water-based range spans interior and exterior systems across matt and gloss sheens and includes solutions for high-wear applications such as parquet and decking.

In the bespoke and kitchen markets special effects are becoming a deliberate design tool. ICA Pidilite's Creativa range addresses this demand by enabling metallic effects, liquid metal looks, textures, and distinctive finishes that expand beyond conventional cycles.

What is more, ICA Pidilite's 3D Texture Library brings coatings into the conversation early, reduces iteration loops, and strengthens specification confidence.

The Sherwin-Williams portfolio focuses on artistry, innovation and finishes that elevate wood into a true design statement. It offers a curated collection of stains and glazes: from deep, velvety tones to luminous glazes that highlight every grain. For furniture manufacturers, it is the perfect marriage of performance and prestige.

Lignawood offers intelligent production lines

Bengaluru-based Lignawood LLP has on offer its Senbsen intelligent production line, a revolutionary automated system that demonstrates what modern technology can achieve.

With just one operator and two laborers, a manufacturing facility can process 150 boards in an 8-hour shift. This isn't just about machinery; it's a complete transformation of production capacity, labour efficiency and profitability.

The intelligent production line integrates seamlessly with its advanced CNC machinery, automated material handling systems, and precision processing equipment, creating a synchronised workflow that maximizes output while minimizing manual intervention.

Senbsen brings state-of-the-art CNC beam saws and CNC six-side drilling machines that deliver unmatched precision cutting and comprehensive drilling solutions with automatic tool changing capabilities.

It also offers a complete range of woodworking machinery: edge banding machines for perfect finishing, panel saws for precision cutting, glue spreaders and hot presses for lamination, spindle moulders for profiling, and industrial-grade dust collection systems.

Each machine is selected for reliability, performance, and seamless integration into your production workflow. Its comprehensive service package includes factory layout design, equipment installation, electrical and pneumatic setup, machine calibration, comprehensive operator training, and ongoing technical support.

Every project is executed with meticulous attention to detail, backed by the company's 12-month warranty and 24x7 technical assistance. For more information, write to info@senbsen.in, or call +91-9911193193 or +91-8527375547.

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WOODNEWS

FURNITURE AND MANUFACTURING MATERIALS AND TECHNOLOGIES

Greenply Samet: advanced motion tech

Greenply Samet is redefining how furniture functions, moves and enhances the user experience, delivering hardware solutions that empower architects, designers and furniture manufacturers to create spaces that are both visually compelling and technologically advanced.

Greenply Samet is a strategic collaboration between Greenply Industries, a leading interior infrastructure company, and Samet, a globally recognized furniture hardware engineering leader with headquarters in Turkey.

With its strong European engineering heritage and global manufacturing footprint Samet brings cutting-edge research, advanced motion technology, and precision hardware expertise.

The company's Advanced Motion Technology ensures smooth, silent and fluid

operation across hinges, drawer systems, sliding and lift-up systems. Precision alignment mechanisms allow doors and drawers to maintain structural stability while delivering effortless functionality over extended usage cycles.

Greenply Samet's hardware solutions are designed to withstand dynamic environmental conditions and high-frequency usage, making them suitable for both residential and commercial interior applications.

The integration of advanced load-bearing systems and engineered closing mechanisms ensures superior performance while enhancing user comfort and convenience.

In India, Greenply Samet offers functional hardware that includes high-precision hinge systems, advanced drawer slide mechanisms, premium drawer box systems, lift-up door mechanisms, and sliding and connection systems in several modular configurations.

Greenply Samet operates a technologically advanced manufacturing facility in Vadodara (Gujarat), developed to meet stringent international quality standards. The facility integrates automation, precision engineering tools, and robust quality control protocols to ensure uniformity and reliability across product lines.

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Accutech has efficient cutter-heads, saw blades

Pune-based Accutech Tools and Solutions provide reliable, productive and profitable solutions for machining needs. Among its portfolio are diamond-particle-tipped (DP) cutter-heads with alternate shear angles for tear-free jointing edges and cutting surfaces. Tools with knife arrangements can be used right and left and produces hollow cut for tightly closing edge banding.

Low noise design and highly efficient chip collection. Significant weight reduction by using aluminium alloy tool body.

Carrier body for multiple uses with exchangeable knives. Come in a wide range of models, with varied technical parameters. Easy selection for specific machine models.

These cutter-heads feature anti-chipping heads; feed-wise and counter-feed-wise rotation; excellent finish on raw laminated, chipboard and veneer panels; optimized unloading for faster chip discharge.

The tips of poly-crystalline diamond (PCD) saw blades are high-strength, and sharp teeth ensure optimum cutting quality and longer edge life. Perfect quality cutting edges enhance the appearance of wood products.

Extraordinary wear resistance and long working life reduces need for repairing and re-grinding times, to improve production efficiency. Among their several advantages are long tool service life; noise and cost reduction; short set-up time, increased productivity, and reduced machine down time; outstanding performance for uniform surface finish.

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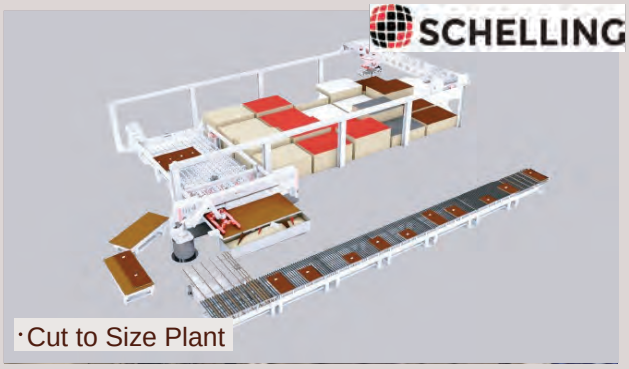

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From the Organisers of: INDIA WOOD

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Preserve Machineries powers smart manufacturing in Indian woodworking

India's woodworking and furniture manufacturing sector is undergoing a decisive shift toward precision engineering, automation, and intelligent production systems. As manufacturers respond to rising quality expectations, export compliance, skilled labour shortages, and tighter efficiency benchmarks, Preserve Machineries has positioned itself as a key enabler of this transformation. Headquartered in Bengaluru, the company supports factories across India in modernising operations and achieving consistent, scalable growth.

Founded in 2019, Preserve Machineries has evolved from a machinery supplier into a full-scope technology and process partner for woodworking and furniture manufacturers. Its approach is rooted in aligning advanced equipment with real production requirements, ensuring that investments deliver measurable operational improvements.

Experience driven approach

A defining strength of Preserve Machineries lies in its leadership and shop-floor-driven philosophy. The company is led by Managing Director Ravi Kumar B K, whose international exposure to advanced woodworking technologies has shaped Preserve's emphasis on practical, performance-oriented solutions. His understanding of real-world manufacturing challenges ensures systems are engineered for productivity, accuracy, and long-term reliability.This vision is reinforced by a seasoned management team with deep domain expertise across sales, marketing, service, and technical execution. Together, they ensure that every project is delivered as a complete production solution rather than isolated machinery installations.

Integrated solutions

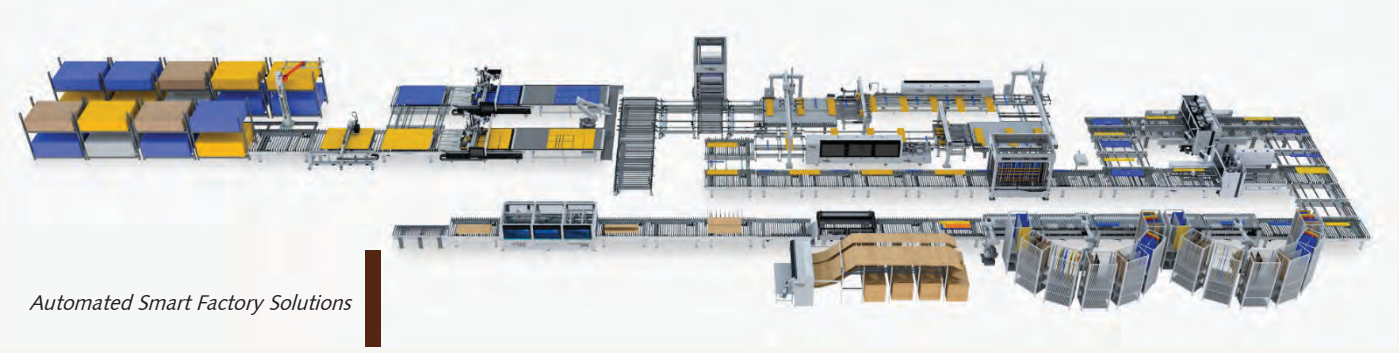
Preserve Machineries operates as a single-source partner, offering a comprehensive portfolio that includes standalone machines, CNC systems, automation lines, tooling, spare parts, service support, and turnkey project execution. Its equipment range covers sliding table panel saws, beam saws, CNC routers, edge banding machines, sanding systems, drilling centres, and material handling solutions for both panel-based and solid wood processing. Each project begins with detailed application analysis, considering production volumes, layout constraints, material flow, and future expansion. This consultative methodology allows customers to build scalable production lines that grow alongside business needs.

Global technology, local expertise

The company collaborates with internationally recognised brands such as Excitech and Tosca, delivering machinery manufactured in advanced industrial hubs across Europe, China, and Taiwan. These systems are engineered to international standards and adapted for Indian operating conditions, ensuring stable performance under demanding environments.Through these partnerships, Preserve delivers advanced CNC machining centres, nesting solutions, drilling systems, edge banding lines, and mixed-production capabilities within a unified factory setup.

Automation focus

Automation and smart factory integration form a core pillar of Preserve Machineries' offering. The company designs and integrates complete production cells, including nesting, edge banding, drilling, packing, and material handling systems, supported by software and Industry 4.0-ready connectivity. Retrofit and modernisation projects further enable existing factories to upgrade without full infrastructure replacement.



Automated Smart Factory Solutions

Service commitment

Preserve Machineries treats after-sales service as a technical priority. Professional installation, training, preventive maintenance, breakdown support, and remote diagnostics are backed by structured spare-parts management and trained service engineers. A growing Pan-India partner network ensures fast response times and consistent support nationwide.

By combining global technology with strong local engineering and service capabilities, Preserve Machineries continues to drive the evolution of India's woodworking industry toward intelligent, future-ready manufacturing. For enquires mail : info@preservemachineries.com

'Learning is what keeps legacy alive'

*More than a year since Warburg Pincus pumped in ₹3,000 crore to acquire an 80% stake in India's Ebco Hardware Solutions, its CEO, **Salil Sadanandan**, tells us what's up at the country's leading manufacturer of furniture fittings. Excerpts:*

In your career so far, you have seen exciting times with kitchen and bath specialist Kohler; media business with Hindustan Times; brand building for Timex (watches), Whirlpool and Braun (appliances). You started out in advertising (Lintas). What attracted you to Ebco?

There are three reasons I found the opportunity to lead Ebco intriguing. First, this industry is going through a massive change led by demographic shifts, upgradation in consumption patterns and the government mandate to 'Make in India' driven by the implementation of quality control orders in several key product categories in the furniture fittings and hardware segment.

With organised brands constituting merely a third of the market the industry is on the cusp of transformational decadal growth. At the twilight of my career, therefore, I found this opportunity truly exciting.

Second, Ebco as the second-largest organised brand in the segment, with a strong and proven legacy in manufacturing, a well-penetrated distribution network (especially in the South of the country) and the widest portfolio of products, has the springboard to grow rapidly and lead this industry in the coming years.

Third, I have known the folks at Warburg Pincus for many years now and I am impressed by their ability to think long term, invest disproportionately in scaling a business and building a legacy. So, the opportunity to work closely with them wasn't something I could ignore.

You are metallurgy graduate from IIT Roorkee. How has that impacted your interest in the field of manufacturing?

I feel my education has quietly shaped how I think, decide and lead every day. I have always preferred working in companies that have a strong manufacturing and engineering background (e,g, Kohler and Ebco) and I truly enjoy interacting with our teams in manufacturing, operations and the people on the shop floor.

I have often seen that the real passion for the brand and the product exists on the production floor, and I always return inspired after visiting the factories, whether at Kohler or now at Ebco.

Over the years I have worked with some very talented leaders in this area, and I have seen myself implementing some of the manufacturing principles in the corporate office and business strategy – for instance, the philosophy of continuous improvement or Gemba walks.

How have your studies at IIM Ahmedabad helped you straddle stellar roles in business development and brand management across Asia-Pacific, the Middle East and Africa?

Education gave me my first grounding. It taught me to think in a structured way, to break down problems, and to stay curious. But over time, I've realized that education alone doesn't define success.

It's the experiences one has in the workplaces and what one makes of those, that truly sharpen one's business and leadership skills. I consider myself fortunate that I have worked in some amazing companies and rubbed shoulders with outstanding managers and talent across the

globe.

It has helped me be more open, more inclusive, and more agile in my thinking as an executive and a leader. If you aren't amenable to learning from the people that you work with – whether employees, customers, or vendors – you have stopped growing as a leader.

With this rich experience, what do you bring to Ebco's table?

My experience is my muscle memory. Hopefully it will bring some skills on sustainably scaling the Ebco business, building a brand that is admired by our customers and envied by our competitors, and getting together the industry's best talent within the company. Equally I hope to learn and continue to build my knowledge about this industry and sharpen my business and leadership skills.

Livsmart (lighting, sensors, accessories) and Worksmart (workplace furniture fittings) are already well-known Ebco concepts. Are there plans to add more such specialisations soon? If so, can you elaborate?

What sets Ebco apart is our incredible product range that spans many categories in the hardware and furniture fittings category – with over 5,000 SKUs we provide width and depth to every customer and end user. We also take pride in launching over 100 new products every year, some of them truly innovative and class leading.

We are planning to strengthen our door hardware portfolio in the coming months and launch a range of high-quality digital door locks in the market. While we are somewhat late in this segment, we are confident that the features and quality that we will offer will allow us to be leaders in this segment as well.

Anything the industry can look forward to in Ebco's range of kitchen systems, door and window hardware, bed and wardrobe fittings?

At IndiaWood 2026 in Bangalore, we are debuting several innovative products which should be highlights of the exhibition. A full range of multi-function digital door locks, innovative pocket wardrobe doors, high-design mortise locks and door hardware, and an innovative solution, Spinova 360, that adds exciting aesthetic and functionality to storage furniture design, to name just a few.

Ebco had initiated expansion plans for additional manufacturing lines, new factories and products. Can we have a heads-up on these?

In just the last 12 months we have set up multiple state-of-the-art greenfield units on the outskirts of Mumbai to manufacture cabinet hinges and drawer slides, to augment our existing historical facilities.

As we speak some of these facilities are further expanding to meet the market demand. We have also procured an 18-acre plot in South Gujarat to build a greenfield facility which should start production towards the end of next fiscal. We are very confident that this facility will be the best manufacturing facility in terms of capability, design and output in this industry.

The furniture fittings sector is heavily skewed towards retail, catering to carpenters and small contractors. What are Ebco's plans to beef up project-based, large-scale business development?

We have built a specialist team to penetrate deeper into OEM, commercial and residential projects, and work with the architects and interior designers' communities. We are already seeing green shoots in these segments. With our products range getting augmented we see these segments to be significant growth drivers.

Ebco has well established exports to Italy and Dubai. Are there new markets on the horizon for the company?

We are exploring opportunities in Africa, Middle East and the SAARC region and hope to establish the flag of 'Manufactured in India' in many of these countries.

In the last 12 months we have set up multiple greenfield units on the outskirts of Mumbai to meet the market demand. Our upcoming greenfield factory in South Gujarat will be the best manufacturing facility in this industry in India.

Salil Sadanandan, CEO, Ebco

Engineering motion, enhancing everyday living

Modern interiors demand more than visual appeal. They require intelligent hardware that enhances everyday interaction, maximises space efficiency, and performs quietly in the background.

As homes and workspaces evolve, furniture and architectural elements are expected to move seamlessly, adapt intuitively, and remain visually unobtrusive. EBCO's hardware solutions reflect this shift, combining precision engineering with thoughtful design to redefine how spaces function.

Across kitchens, wardrobes, living areas, and commercial environments, EBCO focuses on one core principle—movement that feels natural. Each system is designed to improve access, comfort, and longevity while maintaining a clean, contemporary aesthetic.

The result is hardware that supports modern living without overpowering design intent.

SPINOVA 360°

SPINOVA 360° introduces a new approach to storage by transforming conventional fixed cabinets into fully rotational, multi-access units. Designed for modern interiors, the system enhances visibility and usability while maintaining a refined, concealed appearance.

Storage becomes more intuitive, allowing effortless access from every angle.The system delivers smooth 360-degree rotation through high-precision silent bearings combined with a balanced weight distribution design.

This ensures fluid, restraint-free movement with consistent stability. An ultra-soft close mechanism enhances user comfort, while high-quality damping enables safe, quiet operation with accurate stopping.

Engineered for versatility, SPINOVA 360° supports cabinet heights ranging from 400 mm to 1800 mm, making it suitable for kitchens, living units, study areas, and bar installations. With a dynamic load capacity of up to 80 kilograms, it maximises space utilisation while maintaining durability and long-term performance.

Pocket Door System

Pocket Door Systems present a smart and space-efficient alternative to traditional hinged doors. By allowing the door to slide smoothly into a dedicated internal pocket, the system removes the need for outward swing, helping create cleaner openings and improved spatial efficiency, particularly in compact or multifunctional layouts.

The door is activated through a push-to-open mechanism, after which it slides seamlessly into the cavity and remains concealed from view. Variants with push opening and push closing functionality further enhance ease of use, supporting smooth and intuitive operation across different environments.

When housed inside the pocket, the door edges may remain visible; however, a flush door option is also available depending on door dimensions, enabling a more uniform and seamless appearance. This flexibility allows the system to adapt to varied design requirements.

The Pocket Door System is suitable for a wide range of applications, including bedrooms, wardrobes, bathrooms, powder rooms, kitchens, utility spaces, living–dining areas, home offices, hotels, offices, and commercial interiors. It supports contemporary layouts by improving access while maintaining visual continuity.

Linked Sliding Partition System Slim 80 - SC

The Linked Sliding Partition System Slim 80 – SC is engineered for modern open-plan spaces that require flexible partitioning without visual disruption. Designed specifically for three-door glass installations, the system uses an interlocking rail mechanism that enables all doors to move together in perfect synchronisation.

A clean floor appearance is achieved through the absence of a bottom track. Top-mounted rollers, combined with anti-sway support, guide the doors smoothly while maintaining long-term stability without sagging.

Fully concealed hardware and a minimal-gap design contribute to a clean and seamless aesthetic. With a door weight capacity of up to 80 kilograms, the system is suitable for living rooms, kitchens, walk-in wardrobes, and space-dividing applications.

Bi-directional push and pull operation, noise-free movement, and soft-close functionality ensure comfortable and controlled everyday use.

Pro Motion Drawer System

Pro Motion Drawer Systems are engineered for consistent performance in high-usage environments. By combining effortless motion

with silent closing, they enhance user comfort while protecting cabinetry from long-term wear.

A soft-close mechanism ensures controlled, impact-free drawer closing, while full-extension slides provide complete access to contents. Precision-engineered runners maintain stable, wobble-free movement even under heavy loads, ensuring lasting alignment and performance.

An integrated damping system absorbs motion and reduces stress on cabinet structures, making Pro Motion Drawer Systems ideal for kitchens, wardrobes, and modern furniture applications where durability and refinement are essential.

ESmart Door Locks

Designed for the way people live and move today, the ESmart door lock range brings together everyday convenience, enhanced security, and contemporary design. Whether for homes or commercial spaces, the range adapts seamlessly to modern lifestyles where ease of access and peace of mind are equally important.

With four thoughtfully curated ranges, users can choose a lock that aligns perfectly with their security expectations, usage patterns, and interior aesthetics, without compromise. Available in both semi-automatic and fully automatic options, the locks offer smooth, intuitive operation that makes daily entry and exit effortless.

Flexible access options, including remote operations, eliminate the hassle of traditional keys, allowing users to unlock doors in the way that feels most natural to them. The responsive locking mechanism ensures reliable performance with every use, while built-in safety enhancements provide reassurance throughout the day.

Blending smart functionality with refined design, the Esmart door lock range transforms routine security into a seamless, dependable experience suited to contemporary living.

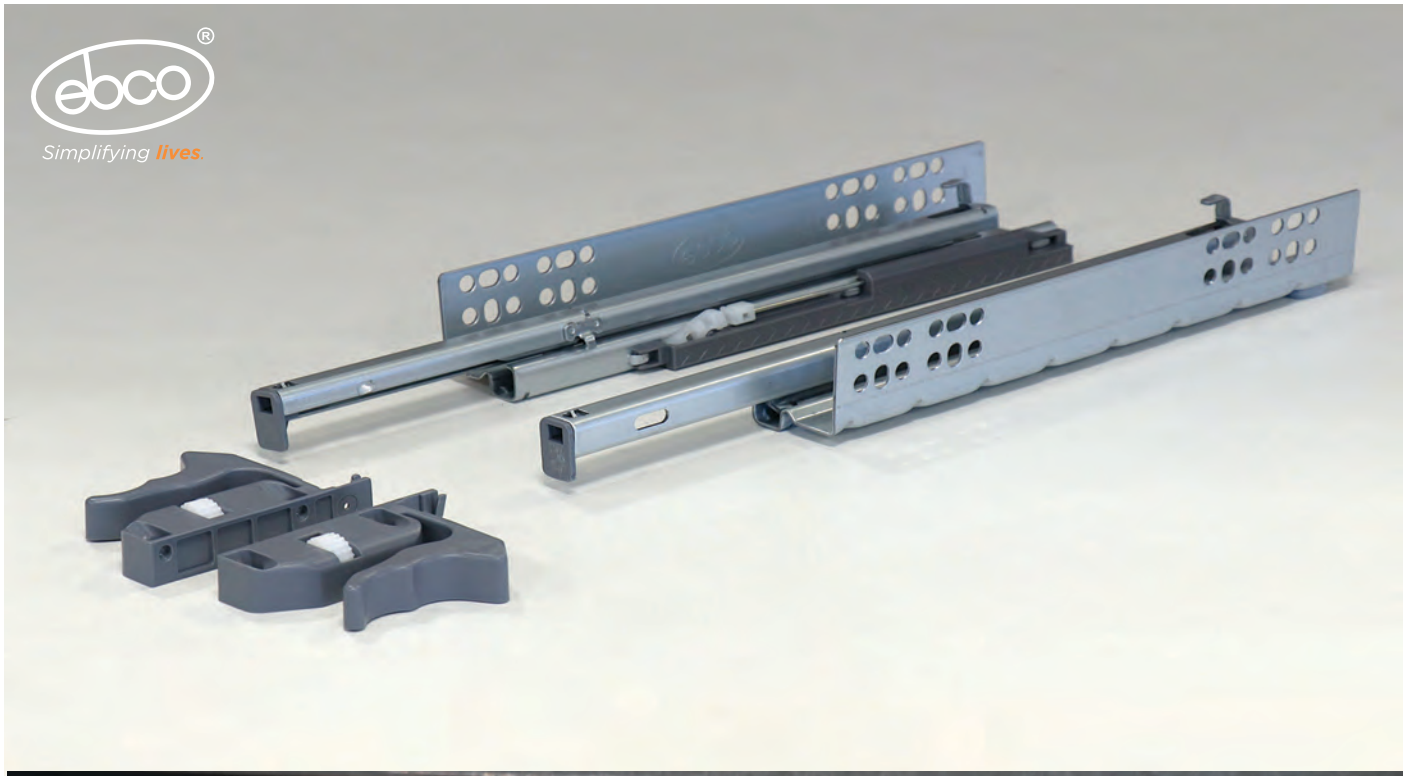
EcoGlide Concealed Drawer Slides

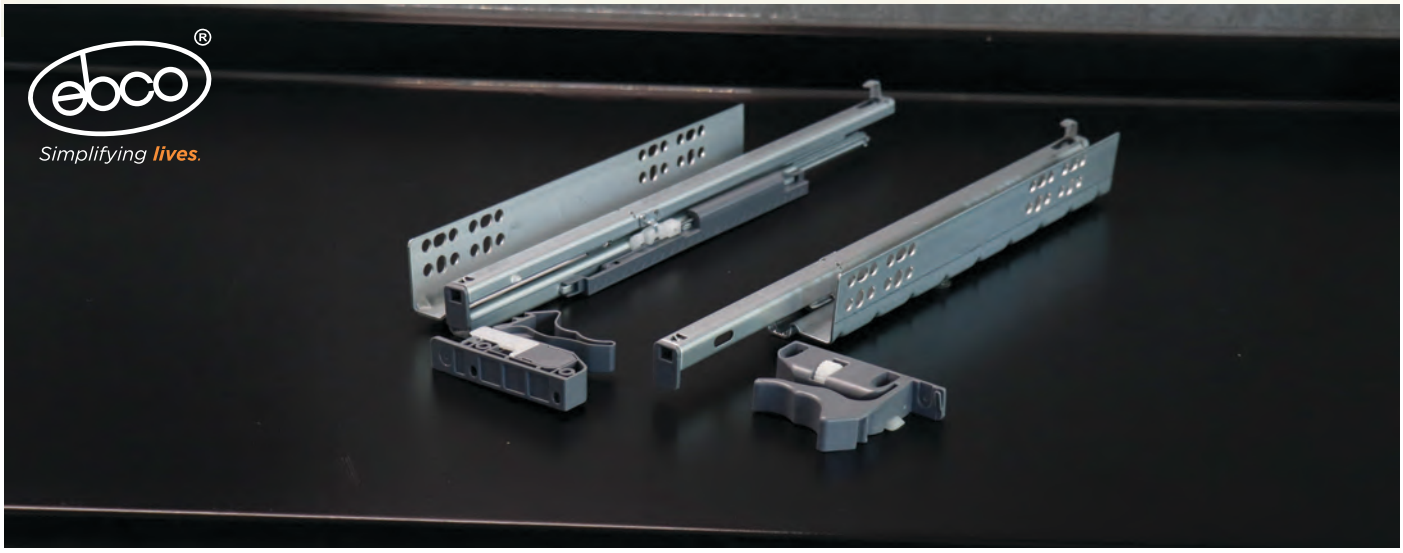
EcoGlide Concealed Drawer Slides are mounted beneath the drawer and remain completely hidden, preserving a clean and uninterrupted furniture aesthetic. Despite their concealed placement, the slides deliver smooth, stable movement with full-extension functionality.

Facia brackets enable quick installation and easy drawer removal, while integrated height adjustment allows precise alignment during setup. Minimal

clearance requirements beneath the drawer make EcoGlide suitable for compact and modern furniture designs.

Available in lengths from 300 mm to 550 mm and finished in durable zinc white, EcoGlide slides combine discreet appearance with strong load-bearing capability and long-term reliability.





Click-On Hinges

Click-On Hinges are designed to streamline cabinet installation while delivering reliable long-term performance. The tool-free clip-on mechanism allows the hinge arm to securely click onto the mounting plate, enabling quick installation and easy door removal when required.

The system supports precise three-dimensional adjustment, ensuring accurate alignment without disturbing existing settings. Stable and smooth door movement is maintained even with frequent use, while optional soft-close functionality enables controlled, silent shutter closing.

Available in full overlay, half overlay, and inset configurations, Click-On Hinges support shutter thicknesses from 16 mm to 19 mm, with a maximum opening angle of 105 degrees. They are engineered for compatibility with modern cabinet designs.

The Intelligence of Design: Elevating Visuals with imos iX 2025

In India's fast-moving interior and modular furniture market, the gap between a concept and a closed deal is often just a single image. When rendering takes hours—or days—customers don't wait. imos iX 2025 is designed to eliminate that delay, embedding Artificial Intelligence directly into the iX CAD, iX Plan, and iX NET ecosystem to make design visualization as fast as decision-making itself.

By integrating AI-driven visualization into a fully technical, production-ready platform, imos iX 2025 ensures that speed never comes at the cost of accuracy. Designers, manufacturers, and sales teams can now move from idea to approval in real time, while retaining complete control over manufacturing data.

iX Render AI: Precision Meets Prompt-Based Creativity

At the heart of imos iX 2025 is iX Render AI, a breakthrough in architectural and interior presentation. Instead of manually configuring lighting, materials, environments, and camera settings, designers can now generate high-fidelity visuals using simple text prompts.

Photorealistic 4K renders are produced in seconds through cloud-based processing, eliminating the need for dedicated GPU workstations and hardware-intensive render setups. This enables instant client feedback, faster approvals, and significantly shorter sales cycles—especially critical in high-volume retail and project-driven environments.

With intelligent prompting, complex aesthetic themes can be applied effortlessly. A technical CAD model can be instantly transformed by requesting a "luxurious contemporary kitchen with marble backsplashes and warm sunset lighting." The AI accurately interprets materials, surface textures, reflections, and light behaviour, while respecting the underlying construction logic of the model.

To further enhance presentation quality, Smart Staging automatically populates scenes with contextually relevant décor and accessories. Kitchens, wardrobes, and office layouts are presented in a polished, market-ready state—without manual placement, trial-and-error styling, or additional design effort. Every visualization is optimized for emotional impact while remaining technically precise.

The Industrial Advantage: Seamless Data Integrity

While the visual impact of imos iX 2025 is immediately apparent, its true strength lies beneath the surface. Unlike stand-alone AI visualization tools, imos maintains a Smart Digital Twin throughout the entire design-to-production workflow.

Every aesthetic decision made during AI-assisted visualization is automatically linked to engineering and production data. The image approved by the customer is identical to the data sent to manufacturing—complete with accurate Bills of Materials (BOM), hardware specifications, and CNC machining programs. This continuity eliminates manual data re-entry, prevents costly errors, and ensures that what is sold is exactly what gets produced.

For manufacturers operating at scale, this seamless data integrity translates into reduced rework, improved material planning, and faster throughput from design approval to factory output.

Why imos iX Render AI Matters for Manufacturers :

Metric	Traditional Rendering Methods	imos iX 2025 Workflow
Output readiness	45–120 minutes	< 60 seconds
Scene composition	Manual lighting & décor	Automated AI staging
Hardware requirement	Dedicated GPU systems	Cloud-based processing
Design revisions	Manual re-rendering	Instant prompt-based updates

By combining prompt-based creativity with a strictly technical framework, imos iX Render AI removes visualization as a bottleneck in the sales and design process—while preserving the precision required for modern, high-volume furniture production

For more information contact : sales@imos3d.in.

iPATHSHALA: Empowering the Next Generation

Advanced technology delivers value only when it is used by

skilled professionals. iPATHSHALA addresses this critical requirement by building deep, production-oriented expertise in imos iX, aligned with real-world manufacturing workflows.

Unlike generic CAD training programs, iPATHSHALA focuses on logic-driven design and the complete design-to-manufacture process. Learners do not just create drawings; they understand how data flows from design to machining, assembly, and installation.

Practical Training for Real-World Production

Training is supported with imos software access, licenses, and optional remote system connectivity, allowing participants to train on a fully equipped environment without additional hardware investment. The curriculum covers interface mastery, parametric cabinet construction, material and edge-banding logic, hardware integration, and rule-based automation.

A strong emphasis is placed on logic building—variables, linear divisions, and parametric principles—enabling designers to modify products quickly and accurately without duplication. This approach significantly improves productivity and consistency in real production environments.

Upskill Without the Upheaval

iPATHSHALA is structured to support both working professionals and new entrants. Professionals can upskill through flexible schedules, including evenings and weekends, without disrupting their careers. Students and fresh graduates gain industry-ready competencies, enabling them to enter the job market as trained imos specialists.

Importantly learners don't need to relocate or be in a tier-1 city to access this training- they can learn coveniently from their own location, making advanced skill development truly accessible to everyone.

The program prepares participants for key roles across the modular furniture and interior manufacturing ecosystem, including Junior CAD Designer, Assistant Designer, Product Manager, Design Head, and imos Administrator. By aligning training with industry needs, iPATHSHALA helps manufacturers build capable teams and ensures long-term value creation from imos technology.

For more information contact : trainings@imos3d.in

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'No.1 Common' showcases untapped beauty of hardwood

The designers were asked to 'use what nature provides', showcasing the potential of 'cabinet grade' hardwood as a versatile and desirable design material.

At the 2025 edition of '3daysofdesign' in Copenhagen, a thought-provoking exhibition titled 'No.1 Common' made a compelling case for redefining beauty in wood.

The exhibition was open to the public in June last year and drew design professionals, educators, and environmentally conscious audiences eager to engage with new ideas in sustainable material use.

Curated by the American Hardwood Export Council (AHEC), the show brought together four innovative designers – Andu Masebo, Anna Maria Øfstedal Eng, Daniel Schofield, and Kia Utzon-Frank – to work with a lesser-used but abundantly available hardwood grade: No.1 Common.

Their brief was simple yet radical: embrace the imperfect, celebrate the natural, and reveal the expressive power of wood often overlooked by conventional design standards.

No.1 Common, often abbreviated as No.1C, refers to a US hardwood grade traditionally used for cabinetry, flooring and furniture parts. Though structurally sound and visually compelling, it contains smaller clear cuttings, visible knots, and natural colour variation that often disqualify it from high-end applications. In a market that often prizes uniformity and flawlessness,

No.1C hardwoods have been routinely overshadowed by premium grades. But AHEC's initiative seeks to flip that perception by showcasing these materials not as flawed, but as full of character.

Natural appeal

"A tree doesn't grow to be perfect," remarked one of the participating designers. "So why are we pretending only 10% of it deserves to be seen?" That question lies at the heart of No.1 Common.

Instead of masking so-called imperfections, the designers chose to highlight them, showing that variation in colour, wild grain, and natural markings are not limitations, but assets that add depth, warmth, and individuality to a finished piece.

Each designer approached the material with a different philosophy. Andu Masebo created pieces that layered complex joinery with exposed textures, drawing attention to the timber's raw energy.

Anna Maria Øfstedal Eng emphasized sculptural form and fluidity, while Daniel Schofield crafted minimalist yet tactile furniture where every knot and shift in tone became part of the narrative.

Kia Utzon-Frank's work leaned into the poetic and the practical, showing how surface irregularities could spark both design innovation and emotional connection.

Design dialogue

The origins of the project trace back to AHEC's collaboration with Benchmark, one of the UK's most respected furniture

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manufacturers, which has built its reputation on sustainable craftsmanship and ethical material use.

Benchmark's hands-on research into No.1C hardwoods explored not only its aesthetic and structural properties but also practical benefits in terms of yield and workshop efficiency.

Benchmark's insights demonstrated that lower-grade timber could deliver high returns – both creatively and economically – when used with intelligence and care. Their findings laid the foundation for the No.1 Common exhibition, reinforcing that sustainable forestry isn't just about planting trees, but about using what we harvest more thoughtfully.

At the Material Matters fair, the designers' works were presented against the backdrop of conversations around material transparency, environmental ethics, and circular design. The exhibit questioned conventional ideas of "luxury" and "perfection," inviting industry professionals and the public alike to see natural timber in a new light.

Shared responsibility

By highlighting No.1C hardwoods, AHEC is sending a powerful message to designers, manufacturers, and consumers: the future of sustainable design lies not just in the materials we choose, but in how fully we choose to use them. American hardwood forests today have more than twice the volume of standing timber than they did 50 years ago.

Yet only a small percentage of each harvested tree – often the cleanest and most uniform part – is considered suitable for design. The rest is frequently overlooked or underutilized.

"By broadening our perception of quality and embracing more of what nature offers, we can create more beautiful work and contribute to a healthier planet," noted a representative from AHEC. The organization has long championed American hardwoods on the global stage, providing architects, designers, and builders with the technical knowledge needed to make informed, sustainable choices.

For more information about American hardwoods, visit www.americanhardwood.org or contact AHEC at info@americanhardwood.org.

Instead of masking imperfections, the designers chose to highlight variation in colour, wild grain, and natural markings.

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Greenlam Strengthening OEM Partnerships

In today's rapidly evolving building materials landscape, strong collaboration with Original Equipment Manufacturers (OEMs) has become a critical driver of innovation, market expansion, and long-term business sustainability. Recognising this, we have initiated a focused OEM Engagement Drive—an industry-led initiative designed to deepen relationships, exchange market intelligence, and create a shared vision for growth.

The engagement drive is structured as an intimate and purposeful gathering, bringing together OEM partners from specific regions for a combination of product presentations and structured business discussions over dinner. The format of the initiative is deliberately kept simple and interaction

-driven, with no entertainment elements, allowing participants to engage in meaningful conversations centred around business, products, and market realities.

The initiative is being kick-started in Jaipur on 13th December, followed by similar engagements across key regions including Vijayawada, Kochi, Calicut and Hyderabad. Each city has been strategically selected due to

its growing OEM ecosystem and its importance in regional manufacturing and distribution networks.

The primary agenda of this engagement drive is threefold. First, it aims to bring together OEM partners from each respective region on a common platform, encouraging dialogue and collaboration within the local ecosystem. Second, it serves as an opportunity to present and discuss the company's product offerings in detail, highlighting performance parameters, application possibilities, and value propositions relevant to OEM requirements. Third, the initiative focuses on exploring regional market opportunities, emerging trends, and evolving customer expectations that are shaping demand in the furniture, interior, and construction segments.

Beyond product discussions, the sessions are designed to function as open forums where OEM partners can share their on-ground insights, challenges, and growth aspirations. Such exchanges not only help in understanding regional nuances but also play a vital role in aligning

product development, supply strategies, and go-to-market approaches with real market needs.

The engagement drive also reflects a shift in how industry relationships are being nurtured—from transactional interactions to partnership-led collaborations. By investing time in direct, face-to-face engagement, the initiative reinforces the importance of listening, co-creating solutions, and building long-term trust with OEM partners.

As the building materials industry continues to witness changes driven by design innovation, sustainability considerations, and evolving consumer preferences, such structured engagement platforms become increasingly relevant. They enable stakeholders to stay aligned with market dynamics while collectively identifying new growth avenues.

With this OEM Engagement Drive, the intent is clear: to create a consistent,

region-wise interaction framework that strengthens partnerships, enhances mutual understanding, and lays the foundation for sustainable growth across markets.

As the initiative rolls out across multiple regions, it is expected to play a meaningful role in fostering collaboration and driving value for both OEM partners and the wider industry ecosystem.

Spanish maker bends it to fit into circular economy

Furniture at Lima airport in Peru, made by Spain's top designer-cum-manufacturer, Andreu World.

Andreu World, a Valencia-based manufacturer and a leading company in sustainable design, was recently recognized as the first in the Spanish furniture industry to certify its entire product catalogue under the Cradle-to-Cradle (C2C) standard for the circular economy.

Founded in 1955, Andreu World is a family-owned global brand known for creating high-quality, exceptionally comfortable, and sustainable seating and tables for hotels, restaurants, offices, homes and outdoor spaces.

In collaboration with internationally renowned designers, it combines timeless design and environmental commitment, using FSC-certified wood and sustainable materials such as Pure-Eco and Pure-Bio thermo-polymer. With four factories, and 33 showrooms worldwide, Andreu World is present in more than 90 countries.

All its furniture collections are audited and certified with the C2C seal. There are a total of 6,830 products, analysed in four main groups: wooden seating, wooden tables, technical seating and technical tables.

The C2C Institute, which conducts the C2C evaluation, has these sets of important requirements to be met:

- To design products that are healthy and safe for people and the environment, right from production to reuse.
- To eliminate the concept of waste with 100% restoration and upcycling.
- To operate with clean energy to generate a positive impact on the ecosystem balance.
- To maintain carbon levels in the soil.
- To safeguard water as a precious resource.
- To respect human and natural systems.
- Eliminate raw materials and components harmful to health.

Circular economy

The owners learned that not all wood bends in the same way: tropical wood is too open-pored, oak splits and mahogany shrivels. Beech, however, is compact and elastic. That is why they decided to look for a forest in Navarra to set up their first sawmill.

Using pressure, heat and high frequency, any solid wood part or component can be shaped. By cleverly taking advantage of the orientation of the tree's natural fibre, maximum strength is guaranteed. Wood treated as plywood has allowed the company to evolve because it can also be bent without losing its qualities.

The differences between a shape generated by cutting and those generated by bending are determining factors in the quality of the product. In terms of resilience, since there are no joints that can open or crack against the grain; and aesthetically, because the continuity, whether of the mesh or of the grain enhances the expressiveness and beauty of the wood.

According to Jesús Llinares, CEO of Andreu World, by the year 2006, his company was probably the first company in the world auditing the supply chain from the forest to the chain of custody around the world with only FSC. It also started following the Ecodesign framework in 2013.

The Covid-19 pandemic offered the company a chance to adopt and practice the circular economy point of view. By the end of 2025, its catalogue was aligned with circular design principles. It considers the second life of the product, using systems to create more durable, timeless product, not just timeless designs.

Andreu World now uses more and more textiles that come from recycled processes,

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The Carola Collection chairs and armchairs stand out for their elegance and comfort. The structure is made of bent beech plywood (R) and the seat can be made of oak or upholstered.

and all of the plastic that the company uses is 100% recyclable or bio-based. What is more, "We share everything so that we can promote sustainable thinking and challenge others to do the same, even our competition, Jesús adds.

The company has won major recognition, including the Red Dot and Spain's National Design Award. It also supports emerging talent through its prestigious international design contest.

https://www.andreuworld.com/

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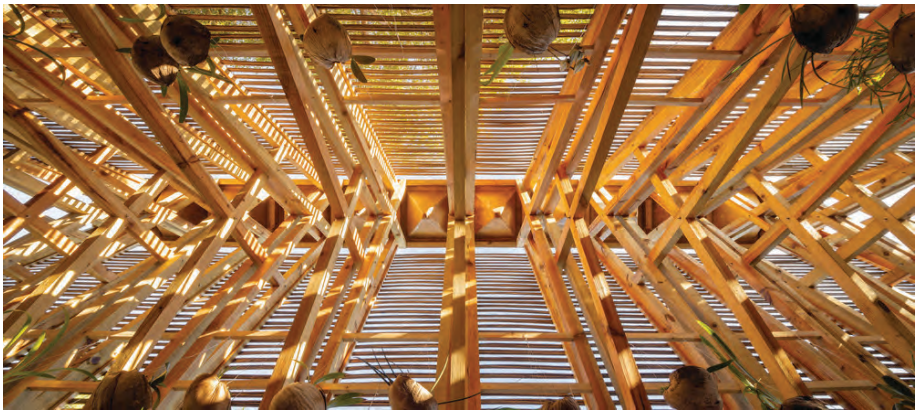
Orchids in dry Mexico? Local wood has the answer!

The Orchid Pavilion, designed for the Casa Wabi Foundation, is a wooden structure that is permanent, sustainable and lightweight. It is dedicated to the conservation of orchids in the Oaxaca region of Mexico, celebrating the strong interplay between the biological and cultural diversity of the landscape.

Casa Wabi is a not-for-profit organisation that fosters dialogue between contemporary art and local communities across its locations in Mexico City and Tokyo. Rooted in the Japanese philosophy of Wabi-Sabi, the foundation's mission is to promote social development through art via five core programmes: residencies, exhibitions, pottery, film and a mobile library.

The design team of an architectural firm researched the necessities for creating optimal conditions for orchids to thrive: a humid, partially shaded and well-ventilated environment. This led to the development of clear technical features that ensure the pavilion's functionality. The design prioritises three main elements:

- Functional simplicity: 12 concrete-based humidifiers, utilizing gravity, create a controlled humid environment ideal for orchids from the Oaxacan coast. This system ensures the orchids thrive without manual watering.
- Sustainable materials: Locally sourced wood and custom-made concrete ceramic pieces, fired in high-temperature kilns, form the structure. These materials echo the vernacular traditions of the region, while adhering to sustainable practices.
- A sanctuary for reflection: Beyond its technical role, the pavilion aims to evoke a profound sense of Ikigai in its visitors. Entering the space, one breathes in the humidity, hears the gentle drops of water, and feels the crossing winds.



The central element supporting orchid growth is the carefully maintained humid environment. Pyramid-shaped, water-filled concrete basins crown the wooden structure, releasing tiny droplets that drip to the ground, where they are collected by permanently humid concrete trays.

This process not only sustains the orchids, it also eliminates the need for manual irrigation. The breeze and warmth allow the plants to absorb moisture directly from the air and surfaces, mimicking their natural habitat.

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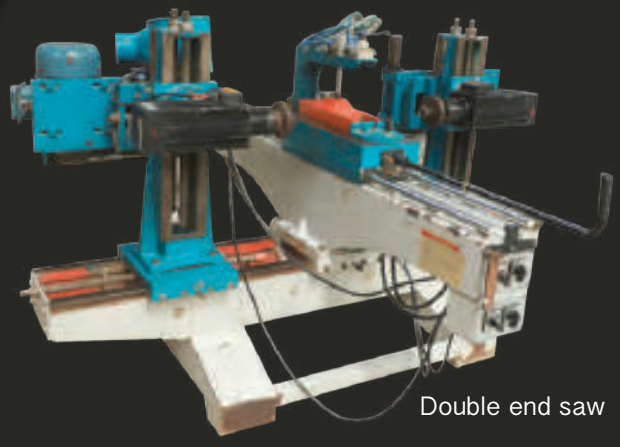

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Wardrobe-cum-walk-in closet system from Italy

Italian furniture maker Poltrona Frau recently unveiled its night-time collection with DressCove Night system, a new sectional and modular system for wardrobes and walk-in closets. The many innovations include a new upright system that offers an alternative to traditional wardrobes sides, and allows for equally stable, but visually lighter, structures.

A concealed yet sophisticated lighting system is integrated within the upright supports or along the shelves, illuminating the interiors. Technical materials, such as lightweight yet structural aluminium, interact with the warmth of wood and Pelle Frau leather to create a sumptuous tactile and visual experience.

The DressCove Night system coordinates walk-in closets and traditional wardrobes to create optional open or closed spaces using a mix of transparent and opaque materials. Pelle Frau leather, wood, and premium finishes add warmth and refinement to every structural detail.

The structure, supported by upright fittings, eliminates the need for dividing panels, creating a more spacious and streamlined configuration. The bevelled-edge shelves with gently curved corners are available in various types of wood, or in laminate, either trimmed in leather or entirely covered in leather.

The lighting system is specifically designed to suit the different solutions: in fitted wardrobes, it runs vertically, while in walk-in conformations the lighting is horizontally positioned beneath the shelves.

The wooden structure of the modular closet is available in Golden walnut, Dark, Brown or Pickled oak, with the option of doors in glass, wood, or upholstered in leather.

Poltrona Frau has also designed a selection of organising boxes. Cherish is available in two sizes (130w X 25h X19.5cm or 135w X 5h X 19.5cm), providing versatile storage options.

Alcove has a more quadrangular shape and is made entirely of Cuoio Re-Saddle, featuring inlaid side handles and a lid with a concealed magnetic closure. It stands out for its play of colours: the front, back, bottom, and lid are in smoky quartz, while the sides are in cognac-coloured leather.

This model comes in three different sizes, offering a slim version (139w X 35h X 11cm), a medium option (139w X 35h X 19cm option) and a larger variation (139w X 38h X 38cm), allowing for a range of storage possibilities.

In the Poltrona Frau stores, an ad-hoc configurator tool helps professionals and customers to design customized solutions, based on individual requirements. In India, Poltrona Frau stores are located in Mumbai, Surat, New Delhi, Bengaluru and Hyderabad. (www.poltronafrau.com)

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Architect probes human-technology paradox

We're all obsessed with moving forward. So obsessed, we don't stop to think about the cost. And it's not the money: that's easy to calculate. It's the human cost: you can't see, can't measure, like an invisible weight.

This is where art comes in. Trained architect Arzan Khambatta gets this. He knows art isn't supposed to make you comfortable. It's supposed to stop you. Make you think. Make you feel things you didn't want to feel.

Drawing lines, thinking straight, building what people needed. But somewhere along the way, Arzan felt it wasn't enough. He needed something more meaningful. So, he turned to something he had been fascinated with since his younger days – something most people call junk.

Scraps of wood, metal, and things nobody wants. Arzan gives them life again, makes them something. He calls them 'Scraptures'. "They're not perfect, not polished, not meant to look 'right'. They're raw… Messy, but real," he says.

The 'Face of the Future', made with Blum's Tandem runners for a exhibition in Mumbai late last year was not some sleek, glossy vision of tomorrow. It's a

face, but not really. It's stuck in the present, caught between two places: between the past and the future. You look at it, and it doesn't feel fully human. But it does.

Arzan talks about his work simply, but you can hear the depth. "For decades, I've used industrial materials to tell human stories," he says. "With this piece, I wanted to take Blum's Tandem runners — these beautifully engineered, hidden fittings — and make them part of something bigger. "

How's technology affecting humans? What's the cost of all of this? What are we really becoming? Because we don't know. We're caught up and too busy to realize. And sometimes, we need art to remind us of that.

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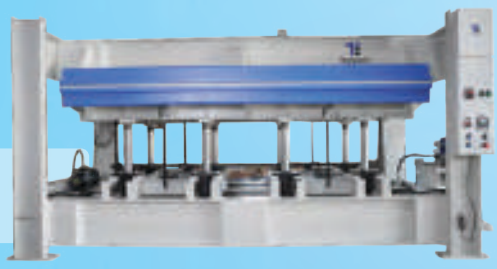

HOT PRESS HP 160
OH D1 10FT X 4FT

CSPL HP 120 OH
THREE DAYLIGHT

HOT PRESS HP 160
OH 4.5M X 1.5M

CSPL HOT PRESS
HP 200

HOT PRESS 160 OH
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Woodtech Consultants: 25 Years of Building India's Woodworking Future

In October 2026, Woodtech Consultants completes 25 remarkable years in the Indian woodworking industry. What began in 2001 as a modest engineering venture in Bengaluru has evolved into one of the country's most respected names in woodworking consultancy, machinery solutions, automation, manufacturing collaboration, and skill development.

This milestone is not merely about longevity; it reflects a sustained commitment to advancing an entire industry. Over the past quarter century, Woodtech has grown alongside India's woodworking sector, helping manufacturers modernize, scale operations, and compete with confidence in an increasingly global marketplace.

Early Vision

Woodtech was founded in 2001 by four engineers who shared a clear belief: the Indian woodworking industry deserved access to world-class technology, structured consultancy, and dependable after-sales support. At the time, the sector was fragmented.

Machinery options were limited, technical expertise was not easily accessible, and manufacturers often struggled to bridge the gap between ambition and execution. Operating from a small office in Vijayanagar, Bengaluru, the founding team chose to position themselves not merely as machinery suppliers but as long-term partners.

The early years were defined by direct engagement with customers, detailed technical discussions, and a deep focus on understanding real production challenges. Within the first year, Woodtech secured its first principal partnership, marking the beginning of its global collaborations.

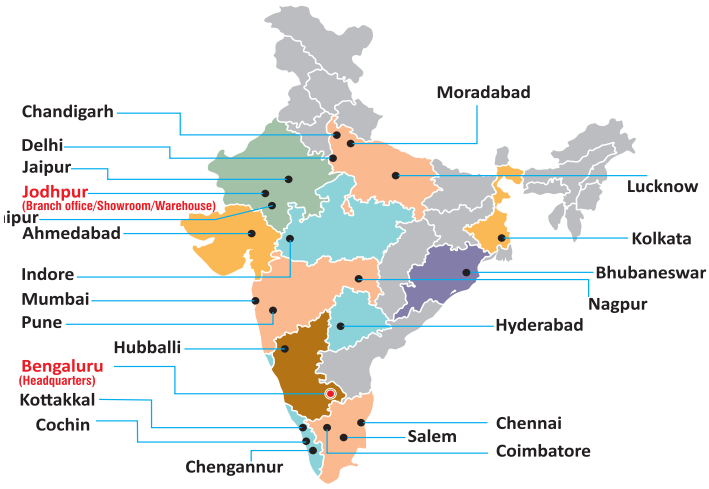
This milestone validated the company's philosophy that technology must be supported by trust, service, and expertise. As partnerships expanded, manpower grew and the foundations of a structured organization were firmly established.

Structured Growth

By 2004, the company had outgrown its initial premises and moved to a larger office in Raja Rajeshwari Nagar, Bengaluru. The establishment of its first warehouse signalled a significant shift in approach, demonstrating a commitment to stocking machinery and spare parts locally to minimize customer downtime. During this phase, the company was formally incorporated as Woodtech Consultants Pvt. Ltd., and internal processes were strengthened to support a growing client base.

Geographical expansion soon became a strategic priority. A service centre was established in Delhi in 2004, followed by Jaipur in 2005 and Chennai in 2007. Over the following years,

Woodtech expanded its presence across major woodworking clusters including Kerala, Hyderabad, Jodhpur, Indore, Moradabad, Kolkata, Pune, Mumbai, Ahmedabad, Coimbatore, Chandigarh, and Odisha. Each location was carefully chosen based on industry concentration and growth potential. This growing network enabled faster installation, commissioning, training, troubleshooting, and spare support, reinforcing Woodtech's reputation as a company that stood by its customers beyond the point of sale.



In 2006, the company entered into a joint venture with its first principal partner. This collaboration marked an important stage in Woodtech's evolution, positioning it as a trusted representative of global brands in the Indian market and reflecting its growing credibility within the industry.

Manufacturing Leap

A defining milestone came in 2009 when Woodtech, through a joint venture with Costa, Italy, established India's first manufacturing unit for wide belt sanders. At a time when high-end sanding machines were largely imported, this initiative represented a bold and forward-looking decision. By bringing global engineering standards to Indian soil, Woodtech contributed to reducing import dependency while improving customization and serviceability for local customers.

This move signalled a broader vision. The company demonstrated that India could emerge not only as a consumer of advanced woodworking technology but also as a manufacturing hub capable of producing high-performance machinery aligned with international benchmarks. The success of this venture further strengthened Woodtech's standing as a forward-thinking and ambitious organization.

Experience Centres

Growth continued, and by 2010 Woodtech relocated to the Peenya Industrial Area, one of Asia's largest industrial estates. Adjacent to its new office, the company established one of India's largest woodworking machinery showrooms. Designed as a live experience centre, the facility allowed customers to see machines in operation, compare technologies, understand workflows, and make informed investment decisions.

This development transformed the way customers engaged with the company. Woodtech increasingly positioned itself as a knowledge partner and solution architect rather than simply a machinery supplier.

The establishment of a showroom in Jodhpur and bonded warehouses in Tumkur and Sricity further strengthened logistics efficiency and regional support. In 2012,

the company began manufacturing seasoning kiln chambers, adding significant value to solid wood processing solutions within the country.

Automation Focus

In 2021, Woodtech unveiled its largest facility to date, integrating its office and live demo centre into a state-of-the-art building designed to deliver an enhanced customer experience. The facility showcased advanced CNC machines, panel processing lines, finishing and coating systems, and automation solutions. Live demonstrations and real-time trials enabled manufacturers to evaluate technologies in practical settings before making investment decisions.

During this period, the company also launched its Surface Finishing & Manufacturing Division consulting services, guiding customers on finishing technologies, process optimization, and production efficiency.

In 2023, Woodtech introduced complete automation lines for woodworking and panel processing operations. This marked a significant transition from supplying individual machines to delivering fully integrated production ecosystems. By connecting cutting, processing, finishing, material handling, and packaging stages into synchronized systems, the company enabled manufacturers to achieve higher consistency, improved throughput, and better cost control while reducing manual intervention.

Skill Commitment

As machinery advanced, Woodtech recognized a growing skill gap within the industry. In 2025, the company established a dedicated Training Center in collaboration with the Furniture & Fittings Skill Council. This initiative

focuses on operator training, process understanding, and awareness of modern woodworking technologies.

By investing in education and skill development, Woodtech reaffirmed its belief that machines alone do not build factories; people do. The training initiative supports not only individual businesses but also contributes to strengthening the broader manufacturing ecosystem

Future Direction

As Woodtech Consultants enters its 25th year, the focus shifts toward relevance, leadership, and sustained value creation. The industry is moving toward integrated manufacturing systems where machines are no longer

evaluated in isolation but as part of connected workflows. Woodtech aims to support this transformation by enabling seamless integration across panel processing, solid wood machining, CNC operations, finishing, and material handling.

Digitalization and smart manufacturing will play an increasingly important role in the years ahead.Data-driven production monitoring, intelligent controls, predictive maintenance, and analytics-based diagnostics are becoming central to modern factories.

With decades of shop-floor experience, Woodtech is well positioned to guide manufacturers toward practical and commercially viable technology adoption. The company also remains committed to strengthening its Made-in-India portfolio, focusing on engineering excellence, serviceability, cost competitiveness, and customization for Indian operating conditions. Sustainability will remain integral to future solutions, with emphasis on material optimization, energy efficiency, waste reduction, and cleaner finishing processes.

Through all phases of growth, Woodtech's core values have remained consistent: integrity in partnerships, commitment to quality, respect for customer vision, and long-term relationship building. The company's journey over the past 25 years stands as a testament to what can be achieved when technical expertise, industry understanding, and customer commitment converge.

As the woodworking sector continues to evolve, Woodtech Consultants remains firmly positioned as a catalyst for transformation. The journey that began in 2001 continues with renewed purpose, grounded in experience and inspired by the industry it serves. 2001–2026 marks not just the passage of time, but a legacy of trust, technology, and progress that continues to shape India's woodworking future.

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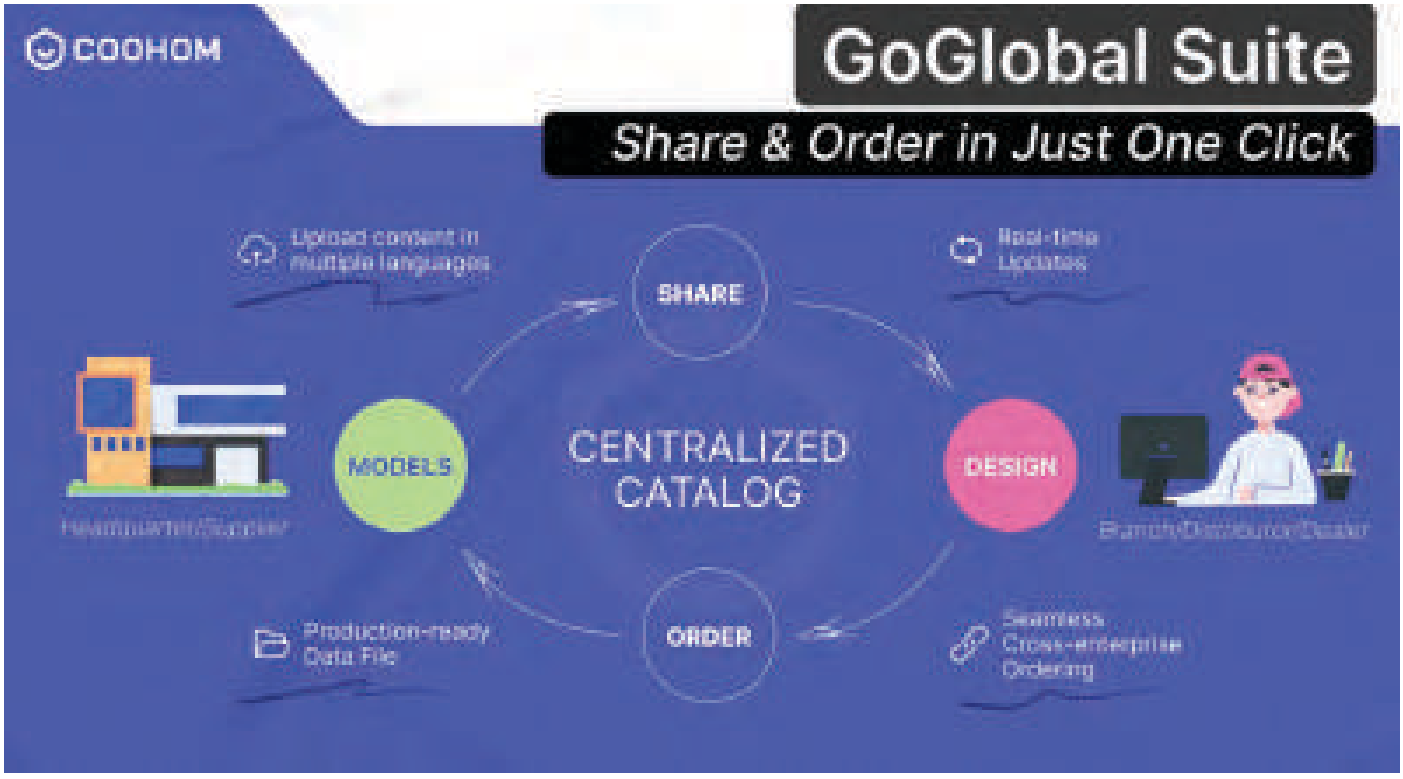

As global enterprises expand across markets, their design and supply chain workflows are increasingly strained by fragmented systems, language barriers, and disconnected collaborators.

Coohom, a leading global spatial design platform under Manycore Tech, addresses these challenges with the launch of GoGlobal Suite, a comprehensive solution built to enable truly borderless collaboration, from design creation to direct ordering, across countries, languages and partners.

Modern enterprises often rely on a patchwork of emails, spreadsheets, and incompatible design tools to manage product assets and coordinate with international teams.

This approach leads to duplicated catalogues, heavy manual maintenance, slow approval cycles, and a high risk of data inconsistencies between design intent and production reality. As organizations scale globally, these inefficiencies compound, increasing costs and delaying time to market.

GoGlobal Suite introduces a centralized, multilingual digital product ecosystem that replaces fragmented workflows with a single, authoritative source of product data. Enterprises can build and maintain standardized digital product catalogues that support multiple languages and regions while remaining fully synchronized.

Assets are updated in real time, ensuring that headquarters, regional offices, designers, and manufacturing partners are always aligned on the latest specifications.

A shared design project is no longer a static file used only for visual review. When a collaborator receives a completed design, they can review the scheme, validate product details, and initiate orders directly from the design project itself.

This seamless design-to-order capability significantly shortens the path from creative concept to commercial execution, reducing manual handoffs and interpretation errors.

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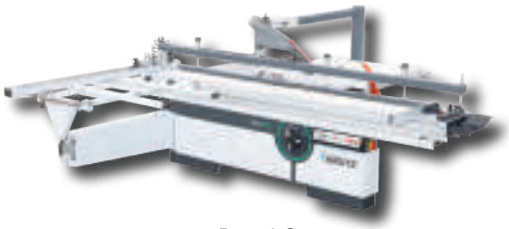
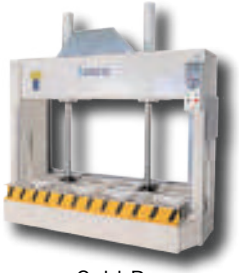
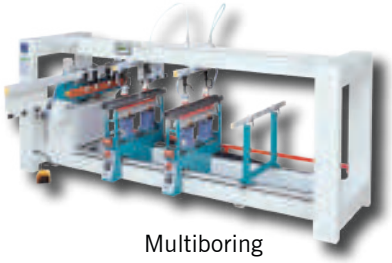


Panel Saw



Cold Press



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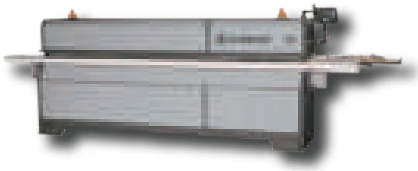
Panel Saw F35



Auto Edge Bender F5

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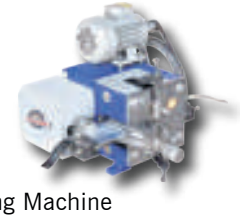

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Aadhunik's Yuton CNC for doors

Yuton's CNC multiple function machining center, YD-S2030, is used for processing of door leaf. This one machine can perform cutting and all milling processes on the door leaf.

The functionalities include four edges cutting, surface engraving, window hole cutting, lock hole and lock slot milling, hinge slot milling, bolt slot milling, hanging wheel slot milling, positioning slot milling, door closer slot milling, painting auxiliary hole drilling, peep hole drilling, etc.

With multiple processes working at once, the CNC can position the work piece; automatically measure to eliminate thickness tolerance; mill with left and right spindles and cut with the main and scoring sawblades.

For easy operation, QR scanning is available, along with automatic tool changing, movable vacuum absorb block, roller for auxiliary transverse feed of work pieces.

Technical parameters:

Max workpiece length: 3,000 mm

Max workpiece width: 1,100 mm

Max workpiece thickness: 60 mm

Main cutting motor: 5.5 kW

Scoring cutting motor: 1.5 kW

Main spindle motor: 9 kW

Tool magazine capacity: 8 or 12 pieces

Horizontal double spindle motor: 5.5 kW+ 2.2 kW

Total power: 28.5 kW

Overall dimension: 5,900x 2,900x 2,250 mm

Weight: 5,000 kg.

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AFMT Directory will be an effective tool to project profiles of our members before related industries, other business houses, developers, design community, embassies and trade commissions. It will also help members to locate other manufacturers, traders and importers for sound business growth.

Furniture & Furnishings Fairs
As exhibitions are a one point B2B platform, this should be affordable for every member. The association liaisons with various event organizers to get preferential rates for members of the Association at fairs and exhibitions.

Educational & Trade Trips
The association on behalf of all its members organises professional and educational trade trips to different parts of the world.

International Recognition
AFMT is a single body to interact with foreign companies and other International trade organisations who wish to know about our industry. Effective technology and information transfer through collaborations & joint ventures.

Fair Taxation Policies
AFMT as an entity would approach the Government to demand a non biased taxation policy. To collectively voice concerns of the Furniture Industry to the Government bodies.

WhatsApp Business Group
AFMT offers a platform where members can exchange information about their products and do business.

Trainings, Seminars & Webinars
AFMT as an entity would approach the Government to demand a non biased taxation policy. To collectively voice concerns of the Furniture Industry to the Government bodies.

Newsletter
The most effective way of reaching out to people from our industry. It will be designed to keep the Furniture Industry informed of the latest developments in the business. It will carry information on the activities of the association, its partners and members.

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FURNITURE AND MANUFACTURING MATERIALS AND TECHNOLOGIES

Greenpanel launches DuroBoil HDF

Greenpanel Industries, among India's biggest wood panel manufacturers, has announced the launch of DuroBoil, a new boiling water-proof (BWP) high density fibreboard (HDF) designed for interior spaces that face high moisture, heat and heavy usage.

Created for long-lasting performance, DuroBoil is India's strongest, toughest and heaviest HDF, making it a reliable choice for architects, interior designers and furniture manufacturers. Its solid, compact structure ensures excellent stability and strength, even in challenging environments where conventional boards often fall short.

With an ultra-high density of 1,100 kg/m³, DuroBoil offers superior strength, rigidity and resistance to water. The board is available in 12-mm and 18-mm thicknesses and comes with a 25-year warranty, providing complete peace of mind for both residential and commercial projects.

The board also supports healthier indoor environments with low emissions and features a smooth, finish-ready surface suitable for laminates, veneers, PU finishes and digital printing.

Additionally, it is termite- and borer-resistant and offers excellent machinability, allowing easy cutting, shaping, routing, and carving for customised interior designs.

Manufactured using the advanced German, Dieffenbacher CPS+ continuous press, Greenpanel's DuroBoil is produced under strict quality controls to ensure consistent performance, superior finish, and long-lasting durability.

Hafele's Matrixbox Premium: enhanced performance, premium look

As modern interiors continue to evolve, homeowners and professionals alike seek furniture fittings that combine refined aesthetics with effortless functionality. Responding to this demand, Hafele Matrixbox Premium+ drawer system sets a new benchmark by offering a hassle-free installation experience, enhanced performance, and a distinctly premium look, engineered for today's sophisticated living spaces.

Designed with a focus on elevated aesthetics, Hafele Matrixbox Premium+ features clean lines and a refined finish that seamlessly integrates into contemporary cabinetry. Beyond its visual appeal, the system offers an increased weight-carrying capacity, ensuring long-lasting durability and smooth operation even under demanding everyday use.

This balance of form and function makes it an ideal choice for kitchens, wardrobes, and storage solutions across residential and commercial interiors.

What truly sets Hafele Matrixbox Premium+ apart is its ease of installation. The use of counter-sunk head screws for mounting the runners enables a clean and efficient installation process without the need for pre-drilled cabinets.

This thoughtful design results in a neater visual finish, with screws sitting completely flush with the runners, while also creating a more rugged and reliable drawer system that performs flawlessly over time.

Complementing this is the newly engineered runner design, which allows quick and effortless mounting of the drawer unit, significantly reducing installation time and effort.

By combining enhanced performance, superior load capacity, and installer-friendly innovation, the Hafele Matrixbox Premium+ drawer system redefines convenience without compromising on aesthetics, delivering a seamless, long-lasting experience for both users and professionals.

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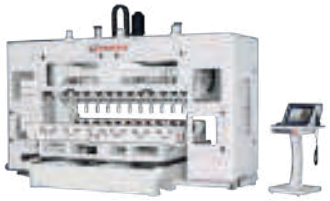
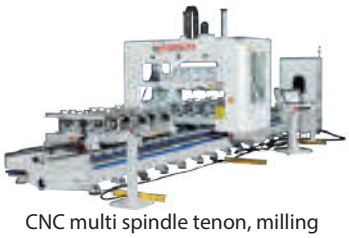

CNC multi spindle tenon & milling machine-Photoroom

CNC Dovetailer

CNC Tenoner

DSP GT-635


CNC multi spindle tenon, milling & special joints making machine

Straight line rip saw

Curve edge bending machine

Hot Press

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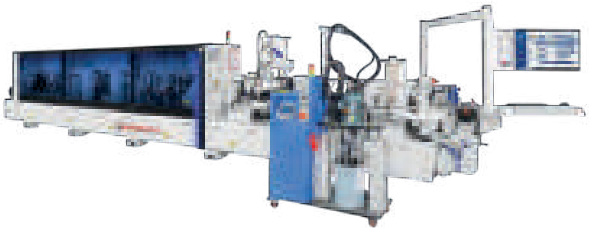
Multi Boring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LoyaltyXpert drives channel engagement, growth

LoyaltyXpert is a technology-driven loyalty platform built to help manufacturers strengthen relationships across complex channel networks and influence downstream buying decisions in highly competitive markets.

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Trusted by leading brands across industries such as paints, laminates, FMCG, electricals, ceramics, telecom and finance, LoyaltyXpert currently supports over 2 lakh users, processes more than 15 million transactions, and enables over 100 million reward redemptions, demonstrating proven scale, reliability, and performance across diverse channel environments.

LoyaltyXpert delivers a comprehensive 360-degree loyalty framework that digitises and automates partner engagement across the entire channel ecosystem, including channel loyalty, brand loyalty, hybrid, coalition, and influencer loyalty programs, supported by an integrated sales tracking application.

LoyaltyXpert incorporates intelligent personalisation and engagement tools that transform loyalty from a transactional program into a strategic growth driver. Its key functional features include:

- Behaviour-driven personalisation of offers, rewards, and communications based on partner activity and performance trends
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- A curated and scalable rewards catalogue enabling instant, frictionless redemptions
- Dual-wallet functionality with referral mechanics to encourage smarter reward usage and organic channel expansion
- Omnichannel accessibility through mobile apps, web platforms, and enterprise integrations for seamless participation
- A dedicated sales tracking application capturing real-time field activity, territory performance, KPIs, and execution effectiveness
- Digital meet-management tools to plan, track, and evaluate dealer, distributor, and field interactions, strengthening on-ground execution and brand visibility

Designed to adapt seamlessly to complex distribution models, LoyaltyXpert supports manufacturers in achieving greater transparency, efficiency, and strategic control across their channel loyalty initiatives.

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Merino uses chip-weave for new TuffGloss MR+

As interior spaces move and upscale in 2026, the way materials are specified is becoming more joined-up. Designers and homeowners are thinking less in terms of isolated products and more in terms of how surfaces and structures work together.

What supports a wardrobe, a kitchen, or a wall panel now matters just as much as what is seen on the outside. It is within this design mindset that Marine Board and TuffGloss MR+ from Merino Industries come together as a complete interior system, one providing the strength beneath the surface and the other defining the visual and tactile experience.

Made using Merino's proprietary chip-weave technology and responsibly sourced agro-forestry wood, the board delivers uniform density across every sheet. This ensures strong screw holding, consistent load bearing, and dependable dimensional stability during fabrication and installation.

Its resistance to moisture runs through the core of the board, allowing it to retain its strength even after prolonged water exposure, including boiling water testing as it can stand the same for up to 2 hours.

Termite and borer resistance, warp control, and a smooth, finish-ready surface make it suitable for premium furniture, cabinetry, and built-in applications where long-term reliability is essential. With E1 grade emission compliance and a 12-year warranty, it also supports healthier and more durable interiors.

While the board determines stability, the laminate defines how a space looks and feels. TuffGloss MR+ brings a high-gloss surface designed for modern interiors where light, colour and finish play a central role.

With a gloss level above 110 at a 60-degree angle, it delivers a deep, reflective finish that enhances spaciousness and visual clarity. Heat resistance up to 180 degrees Celsius and excellent colour fastness ensure that surfaces remain consistent in both appearance and performance over time.

High abrasion resistance, strong mar and scuff resistance, and stain resistance allow it to retain its finish in kitchens, wardrobes, retail spaces, and hospitality interiors. A wide palette of contemporary shades supports diverse design directions, from minimal to expressive.

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KömaBoard panels have versatility edge

In premium interior designs, paneling materials are no longer passive components. They are expected to perform, endure, adapt and, above all, align with a larger design and sustainability vision. It is within this evolving expectation that KömaBoard, a range of premium PVC/WPC sheets from Koemmerling, has positioned itself in the interiors market.

Backed by over 125 years of German legacy, Koemmerling has long been synonymous with material innovation, technical precision, and responsible manufacturing. With KömaBoard, the brand extends this legacy beyond fenestration into interior substrates-offering a solution curated specifically to address the needs of modern, design-led spaces.

KömaBoard answers the need for functionality, durability and consistency through its engineered structure, dimensional stability, and a refined surface finish that becomes the perfect foundation for premium interiors.

KömaBoard panels are 100% water-proof and moisture-resistant, making them an ideal choice of material for kitchens, wardrobes, bathrooms and high-traffic commercial spaces. Their termite and borer proof composition eliminates hidden durability risks, while its high screw-holding strength ensures long-lasting structural integrity.

Moreover, its compatibility of CNC cutting and carving machines enables the designers and fabricators to explore and execute intricate designs for wall paneling, wall cladding, grills or partitions. For designers, all these factors combined means confidence: interiors and furniture that looks impeccable on installation day and perform flawlessly for years.

For Koemmerling, sustainability is deeply embedded in product development. KömaBoard panels are lead-free, formaldehyde-free, emit low VOCs, and have a recyclable material structure. Koemmerling is represented by Profine India.

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Optimus 6.5 P (Auto) High Speed Edge Bander

Machine cleaning and checking

Adequate maintenance is a crucial factor for longer life and to obtain optimal working condition of the machine (Optimus 6.5 P (Auto) High Speed Edge Bander). All the maintenance operations must be done with the machine turned OFF and with personnel wearing protective gloves.

All cleaning operations are to be carried out by the machine operator or by skilled technician. General cleaning ensures long life of the machine and is an important safety factor.

Use a power dust aspirator to clean the machine.

- Tables and all cavities where there are dust and shavings residues.
- Extractor hood, checking that there are no blockages.
- The inside of the machine, checking for dust or shavings.
- The end cutting, trimming, corner rounding & buffing unit.
- The feed track conveyor unit.

Clean off any glue residues along the panel feed path, using a suitable non-hazardous detergent. Clean all moving parts specially the ones exposed to the resin and dust.

Scheduled maintenance is of the utmost importance to obtain the best performance as well as a safe operation of the machine.

- Hourly clean around end cutting, trimming and corner rounding unit for better performance in trimming.
- Daily clean excess glue at bottom side of glue tank for better performance for gluing the edge band.

The accurate lubrication ensures the long life as well as the best performance of the machine. Grease the glue spreader roller unit after every 8 hours of operation. Do not use grease to lubricate the guides. Use spray lubricant.

The machine is equipped with safety devices. Every 2 weeks check the controls for emergency stops with a test. Periodically check that the guards are efficient in good state.

Over time the glue deteriorates and loses its adhesive properties; proceed to completely empty the glue tank and change the glue. Do not clean the glue tank with metal tools, since they will damage it. Use a wooden scraper.

DESCRIPTION	INSPECTION	FREQUENCY	ACTION
Machine general cleaning	Visual inspection	Daily	Use a vacuum cleaner to remove dust or shavings
Dust collector hoods	Visual inspection	Daily	Use a vacuum cleaner to remove dust or shavings
Tables and all cavities where there may be dust or shavings residues, particularly the motor cooling zone	Visual inspection	Daily	Use a vacuum cleaner to remove dust or shavings
Inside the electric panel	Visual inspection	Approx. every 1000 hours	Use a vacuum cleaner to remove dust or shavings
Sliding surface	Visual inspection	Daily	Clean off any glue residues
Edging feed and presser rollers	Visual inspection	Daily	Clean off any glue residues
Horizontal and vertical edging guide	Visual inspection	Daily	Clean off any glue residues

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DESCRIPTION	INSPECTION	FREQUENCY	ACTION
Glue tank internal cleaning	Visual inspection	Daily	- Open the glue tank lid - Clean with a wooden scrapper with dry cloth - Close again
Glue roller	Visual inspection and operating test	Daily	Check that the glue roller shaft rotates in an even and regular way. If you find any fault, contact to the company.
Compressed air regulator filter	Check of tank and filter	Weekly	Drain off any condensation present in the tank.
Edge cutting ,trimming, corner rounding cutters	Visual inspection and operating test	Weekly	If there are edging cutting defects, contact to the local dealer or to the company.
Emergency and safety devices	Visual inspection and operating test	Every two weeks	Carry out stop test.
Feed conveyor unit	Visual inspection	Weekly	Clean with suitable detergents which do not harm the surface of the conveyor pad.
Glue tank	Visual inspection	Daily	Grease the glue spreading roller unit

END CUTTING, FINE TRIMMING,CORNER ROUNDING UNIT

DESCRIPTION	INSPECTION	FREQUENCY	ACTION
Unit cleaning	Visual inspection	Weekly	Use a vacuum cleaner with suitable shaped opening to remove dust or shavings. Remove glue residues from tools using suitable, non-hazardous detergents.
Cleaning of aligning devices	Visual inspection	Daily	Remove glue residues from tools using suitable, non-hazardous detergents.
Slide ways guides	Visual inspection	Weekly	Clean with a soft cloth.
Cleaning the unit, extractor hoods and motor cooling zone	Visual inspection	Hourly or Daily or when obviously necessary	By use air gun or Use a vacuum cleaner with suitable shaped opening to remove dust or shavings.

EDGE SCRAPING UNIT

DESCRIPTION	INSPECTION	FREQUENCY	ACTION
Edge Scraping unit	Visual inspection	Daily or when necessary	Use a vacuum cleaner with suitable shaped opening to remove dust or shavings. Then use a dry cloth to clean

BUFFING UNIT

DESCRIPTION	INSPECTION	FREQUENCY	ACTION
Buffing unit	Visual inspection	Daily	Use a vacuum cleaner with suitable shaped opening to remove dust or shavings. Then use a dry cloth

AUTO LUBRICATION

The accurate lubrication ensures the long life as well as the best performance of the machine. Automatic lubrication system circulates lubrication to the required parts of the machine, ensures efficient operation & increase life of parts.

Auto Lubrication

Trouble Shooting

This section indicates how to solve problems which may rise during the machine use. Carry out interventions only after carefully reading all that concerns the problems indicated here.

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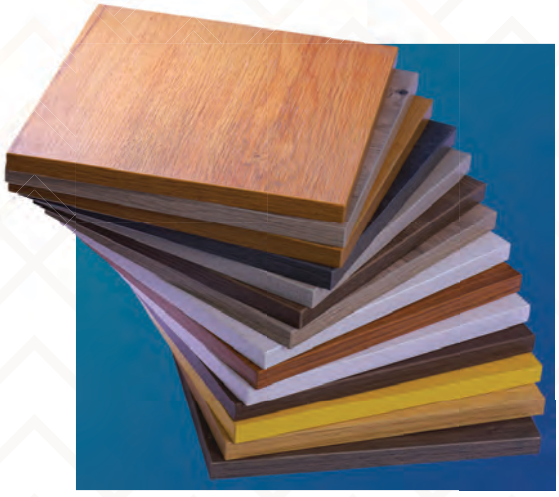

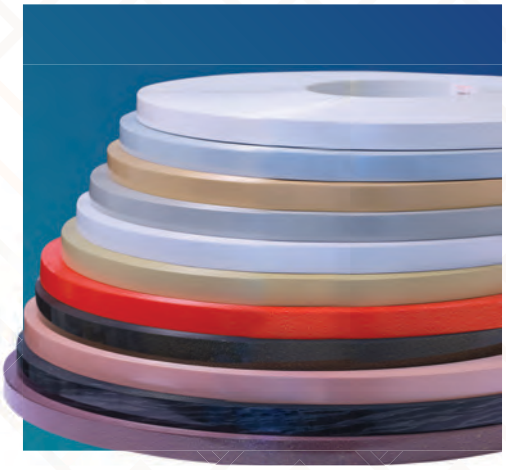
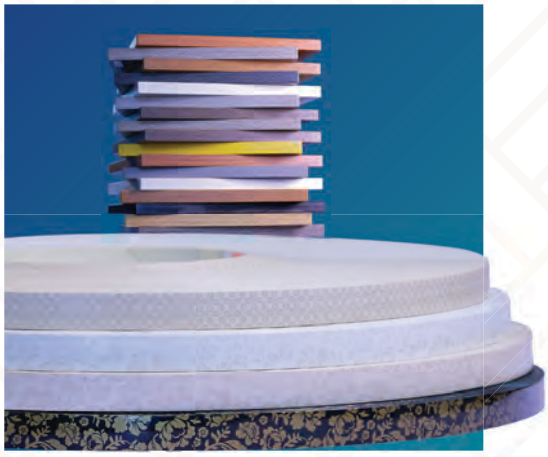

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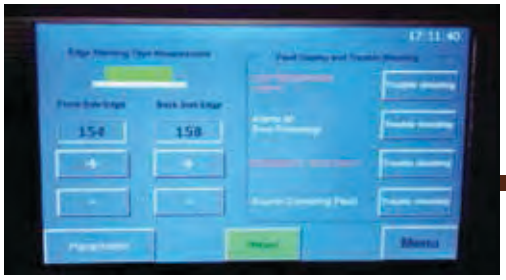
Problem	Cause	Remedy
The machine does not start	Main switch turned to OFF	Turn it to ON
	No electrical energy on one or more phase of the line.	Check with a tester or multimeter there is a voltage in the three phases R,Y,B.
	Emergency on	Switch off the emergency button by turning it
	Fuses of auxiliary circuit to protect the transformer interrupted or fuse housing open.	1- Close the fuse housing. If the machine does not start: 2- Open the fuse housing. 3- Check the fuses , if necessary replace them
	No compressed air or air insufficient	Connect the pneumatic system or check the compressed air feed line pressure up to 6-7 kg/cm².
Panel does not slide	The height of the feed unit presser is not set according to the panel thickness.	Adjust the height of the feed unit presser according to the panel thickness, checking the perfect measurement of panel.
	Glue residues on in feed fence, trimmer fence, presser rollers, base	Cleaning the glue
	Conveyor switch turned to OFF	Conveyor switch turned to ON
The feed chain does not start	The motors of the units have not yet reached the right speed.	Wait
	Gluing temperature not reached	Wait
No glue on the rear part of the panel	Wrong panel insertion into the machine	Keep the panel in contact with the inlet fence.
	Glue not seen on the panel	Check the glue in the glue tank
Glue spreading not uniform	Glue temperature setting too low for type of glue	Contact to glue supplier, if necessary modify the working temperature.
	The electric control is not working. The thermic probe does not operate.	Check the operation and if necessary replace.
	Cutting of panel edge not in right angle	Make perfect right angle panel edge.
The glue tank does not reach the set temperature	1 or more resistors burnt.	Make sure that the electric input corresponds to the one applied.
	The electronic control does not operate. The thermic probe does not operate	Check the operation and if necessary replace, temperature control or heater or thermocouple wire.
Glue quantity on the panel not sufficient or excessive	Decrease or increase the glue flow according to requirement.	Adjust the knob according to requirement.
	Temperature value not proper	Check the glue melting temperature.
Imperfect cut	Glue residues on the tools or aligning units	Remove the glue residues and clean the area
	Imperfect tool fixing or excessive wear on the tool	Check the fixing or replace the tool
	Panel not proper activate limit switch	Set the limit switch
Not proper chamfer on panel corner	Finish of chamfering of panel corner	Check the radius cutter & re-grind if required

CONTROL PANEL SHOW THE ERROR, SETTING & TROUBLE SHOOTING



Edge Band tape length setting at front & rear side

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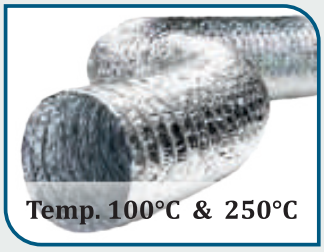

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Remmers invests ₹300-cr in Teknovace

Indian speciality coatings manufacturer Teknovace recently entered a landmark strategic partnership with Remmers Gruppe SE, the latter also a global leader in speciality construction chemicals and high-performance wood coatings. Remmers plans to invest ₹300 crore for a 50.01% stake in Teknovace, marking one of the largest foreign strategic investments in India's wood coatings sector.

The capital infusion will power significant expansion across manufacturing, technology and R&D, including:

- Scaling wood coatings capacity from 6,000 tonnes to 60,000 tonnes per annum
- Setting up an integrated UV coatings manufacturing facility
- Establishing an in-house resin manufacturing unit
- Building a greenfield construction chemicals factory
- Creating a global R&D centre in India

The partnership is designed to make India a centre for global manufacturing and exports. Teknovace will now supply markets across the Asia-Pacific, Middle East and Africa, while also serving as a manufacturing and sourcing partner for Remmers' international operations.

Founded in 2019 by technocrats Pankaj Singh and Nikhil Mahapatra, the company offers advanced coating solutions for wood, glass, acrylic sheets, metal, parquet flooring, marble, ceramics, plastics, automotive refinishing, and decorative applications. A stand-out area of innovation is its water-borne green technology, designed as a sustainable alternative to solvent-based paints.

Teknovace operates two manufacturing facilities and has built a pan-India presence through an integrated network of branches, warehouses, and technical service centres, supported by a 170 strong workforce.

Since inception, Teknovace has recorded an impressive average annual growth rate of 43%, consistently outperforming the broader paints and coatings market. The company clocked revenues of ₹58 crore in FY24, maintaining profitability from its very first year.

Dieffenbacher secures particleboard plant order

Dieffenbacher has received a new order from Sumatera Prima Fibreboard (SPF), Indonesia's largest MDF producer, for a complete CEBRO particleboard and Super PB plant at its Indralaya site in South Sumatra. The project marks SPF's entry into the particleboard segment.

The scope includes a CPS+ continuous press, raw board handling, and advanced MAIER flaking and milling systems. The plant will have an annual capacity of 478,500 m³, with commissioning planned for end-2026, extending SPF's long-standing partnership with Dieffenbacher.

US hardwood exports to India near record high

US hardwood exports to India reached US$ 10.45 million in the first three quarters of 2025, keeping the year on track for another record. Shipments included US$ 8.501 million in lumber, US$ 1.258 million in logs, and US$ 6,94,000 in veneer, based on USDA data compiled by the America Hardwood Export Council.

Hardwood lumber exports rose 57% in value and 69% in volume to 13,529 cubic metres. White oak, red oak and hickory led the demand, with strong growth in tulipwood, maple and alder, supported by rising preference for value-added lumber and expanding domestic furniture demand.

Weinig aims to reduce workforce

The Weinig Group has announced the global implementation of its 'Transformation 2027' programme to address ongoing market volatility, driven by geo-political tensions and economic uncertainty. Despite outperforming the industry average in recent years, current order levels remain below expectations, it said in a press note.

The programme focuses on process optimisation, efficiency improvements, and global capacity adjustments to align cost structures with changing market conditions. Around 400 jobs are expected to be affected, primarily in German locations. The measures aim to stabilise performance and position the company for sustainable growth in the next economic upturn.

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Jowat appoints Meincke to Board of Directors

Jowat SE has appointed Dr Olaf Meincke to its Board of Directors effective January 1, 2026. He assumes responsibility for R&D and Research Services, succeeding Dr Christian Terfloth, who will retire on June 30, 2026.

Olaf brings extensive experience in polymer research and senior leadership roles in Germany and Switzerland, most recently overseeing Swiss operations for a global 3D printing materials company. The appointment supports Jowat SE's long-term focus on innovation and technological leadership in industrial adhesives.

Florian Barth appointed MD at Wemhöner

Florian Barth has assumed responsibility for the technical division of Wemhöner Surface Technologies GmbH. He will jointly lead the company with authorized signatory Kathleen Wemhöner, forming a dual management structure at the Herford-based machinery manufacturer.

Barth, who joined Wemhöner in 2012, has held roles across design, project planning, sales support, and R&D. As Technical Managing Director, he will focus on advancing surface technologies, strengthening global competitiveness, and improving process efficiency across Wemhöner's international operations.

Hafele opens appliances studio in Bengaluru

Hafele has expanded its appliances footprint in Bengaluru with the launch of Appliances Studio Amro Interio in the Bommasandra Industrial Area. This marks the brand's third Exclusive Hafele Appliances Studio in the city, strengthening access to its appliance portfolio in a rapidly growing residential and commercial zone.

Spread across 1,200 sq. ft., the studio showcases Hafele's full range of built-in, freestanding, and small domestic appliances in live kitchen settings. Designed for homeowners and design professionals, the space offers hands-on product interaction and reinforces Hafele's focus on experience-led appliance retail in India.

Accsys launches donation programme

Accsys has launched 'Accoya Gives Back', a new annual initiative committing up to 10 cubic metres of Accoya wood each year to non-profit projects delivering long-term social and environmental benefits within its operating communities. The programme aligns with the company's ESG priorities, supporting initiatives focused on sustainability, social equity, and community resilience.

The first project supports homelessness initiatives in Scotland, supplying Accoya wood for windows in modular "nest houses" developed with partners Treecraft Woodwork and Social Bite. Accsys also reported that more than 5,16,578 tonnes of CO_2 are now stored in Accoya projects globally, based on cumulative sales to March 2025

Dieffenbacher's Evoris wins award

Dieffenbacher has won the NEO2025 Innovation Award from the Karlsruhe Technology Region for its AI-based digitalisation platform, Evoris. The award recognises future-oriented innovations, with Evoris selected from 36 entries and five finalists.

Evoris is a modular, manufacturer-independent software platform for AI-driven digitalisation of machines and production plants. It supports anomaly detection, energy and maintenance management, and carbon footprint analysis, helping companies in the wood-based panels and forming industries improve operational transparency and decision-making.

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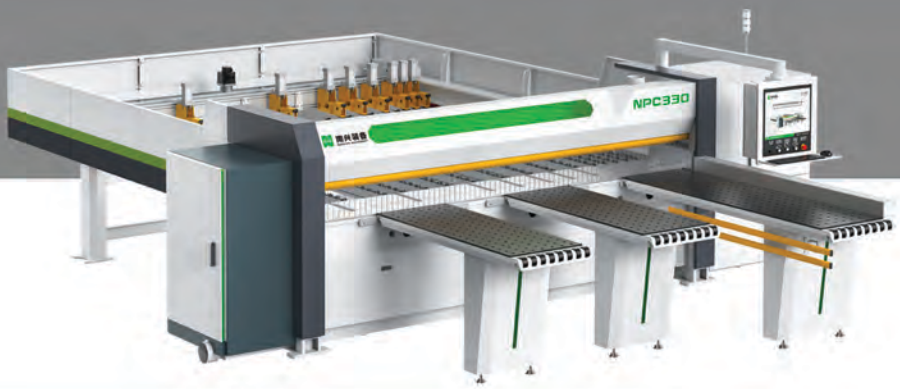

High Speed Edge Banders

Straight & Bevel

High Speed CNC 6 Side Drilling with Router

Straight & Bevel

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