The Doors & Windows Industry Journal

UWDMA UPDATES

Oct-Dec 2025

FROM HANDS TO MACHINES

Is Automation the Future of the Window & Door Industry?

UWDMA
PVC Window and Door Manufacturers Association
SINCE 2008

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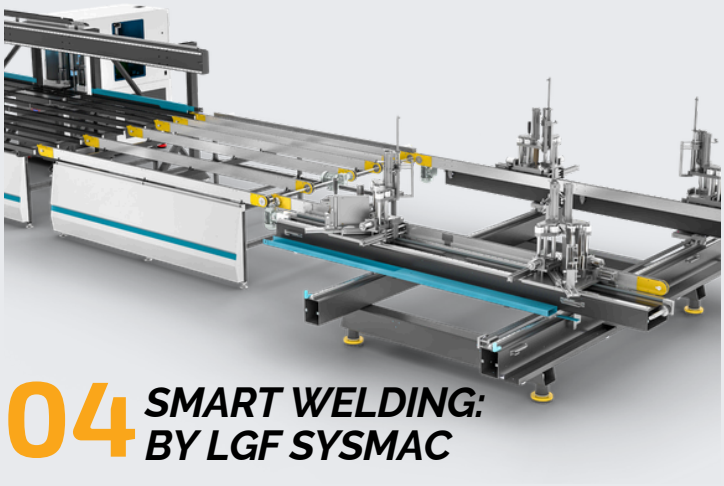
THE DOORS & WINDOWS INDUSTRY JOURNAL



“Beyond Price: Rethinking Quality and Innovation in the Window & Door Industry”

From President’s Desk

Dr.h.c. Mario Schmidt
President-UWDMA

In today’s market, pricing often overshadows innovation. But should cost dictate progress? It’s time for the industry to focus on quality, performance, and long-term value rather than just competing on price.

Rethinking Installation Practices

Even today, around 90–95% of uPVC windows are sealed only with silicone. Despite using the best silicone and skilled technicians, long-term water tightness often remains uncertain, especially during monsoons.

A more effective method involves **PU foam filling combined with protective cover caps or strips,** which provides superior sealing and durability. While this approach may take about 50% more installation time and slightly higher material costs, it ensures long-term water resistance and customer satisfaction — a small investment for a significant gain in performance.

Energy Efficiency Through the Right Glass

As most uPVC windows are installed in air-conditioned spaces, manufacturers must recommend insulated and performance glass combinations. This not only saves energy day and night but also enhances comfort and sustainability — a key step toward responsible manufacturing.

Standards and Safety: Building for the Future

It’s time to align every product with UWDMA–BIS standards on Wind Load performance. **The inclusion of hurricane bars, proper fastener anchors, and reinforcement selection as per IS 875-3** ,based on the building’s location and height—greatly enhances structural safety.

While this adds cost, it prevents catastrophic failures during storms, ensuring windows remain secure, airtight, and watertight even under extreme wind pressure.

Hardware that lasts

Hardware durability is another key element often compromised. In coastal regions, where humidity and corrosion are constant challenges, using stainless steel (SS304) hardware should be a standard practice. Friction hinges already meet this grade in most cases, but rollers and fasteners should follow suit to guarantee longevity and performance.

The Way Forward

Innovation is not just about new products — it’s about better design, safer systems, and smarter installations. By focusing on these details, the window and door industry can shift from price-driven competition to performance-driven excellence, creating products that stand the test of time and weather.

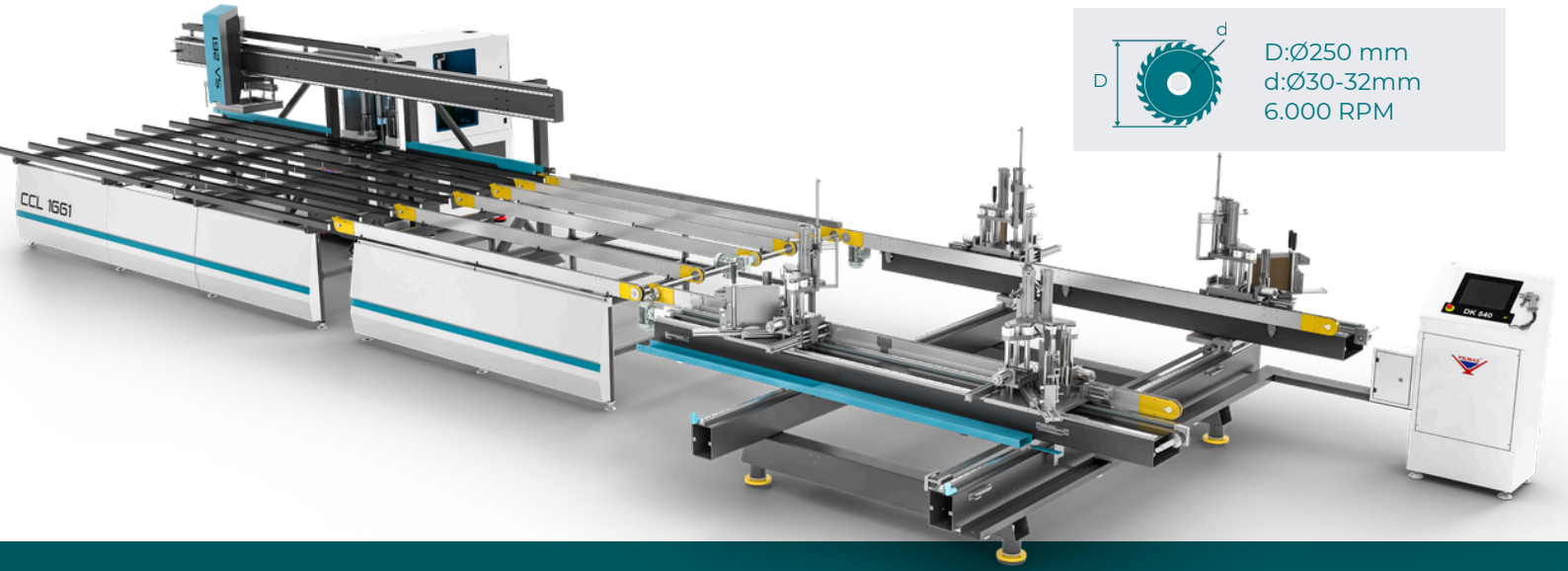
“Intelligent Welding and Cleaning Line for Maximum Productivity”

14 kW 400V AC 3P
N PE 50-60 Hz,

Wmin: 400 mm
Lmin: 400 mm
Wmax: 2.200 mm
Lmax: 2.200 mm

Hmax: 180 mm
Hmin: 30 mm
Wmax: 130 mm
Wmin: 30 mm

D:Ø250 mm
d:Ø30-32mm
6.000 RPM



SMART WELDING SEAMLESS FINISHING : CCL 1661

By LGF SYSMAC

The CCL 1661 Welding and Corner Cleaning Line from LGF SYSMAC represents a major step forward in automation for uPVC window and door manufacturing. Designed for efficiency, precision, and flexibility, this fully integrated system performs welding and corner cleaning operations in a seamless production flow.

Equipped with a four-head welding unit and CNC-controlled corner cleaning system, the CCL 1661 enables automatic recognition of sash and frame profiles, precise width and height measurement, and profile rotation through an advanced robotic transfer system. The system can process up to 270 frames in an eight-hour shift, offering remarkable speed and consistency for high-volume production.

18.000 RPM

Bar	Air Cons.
6-8	180 L/min.

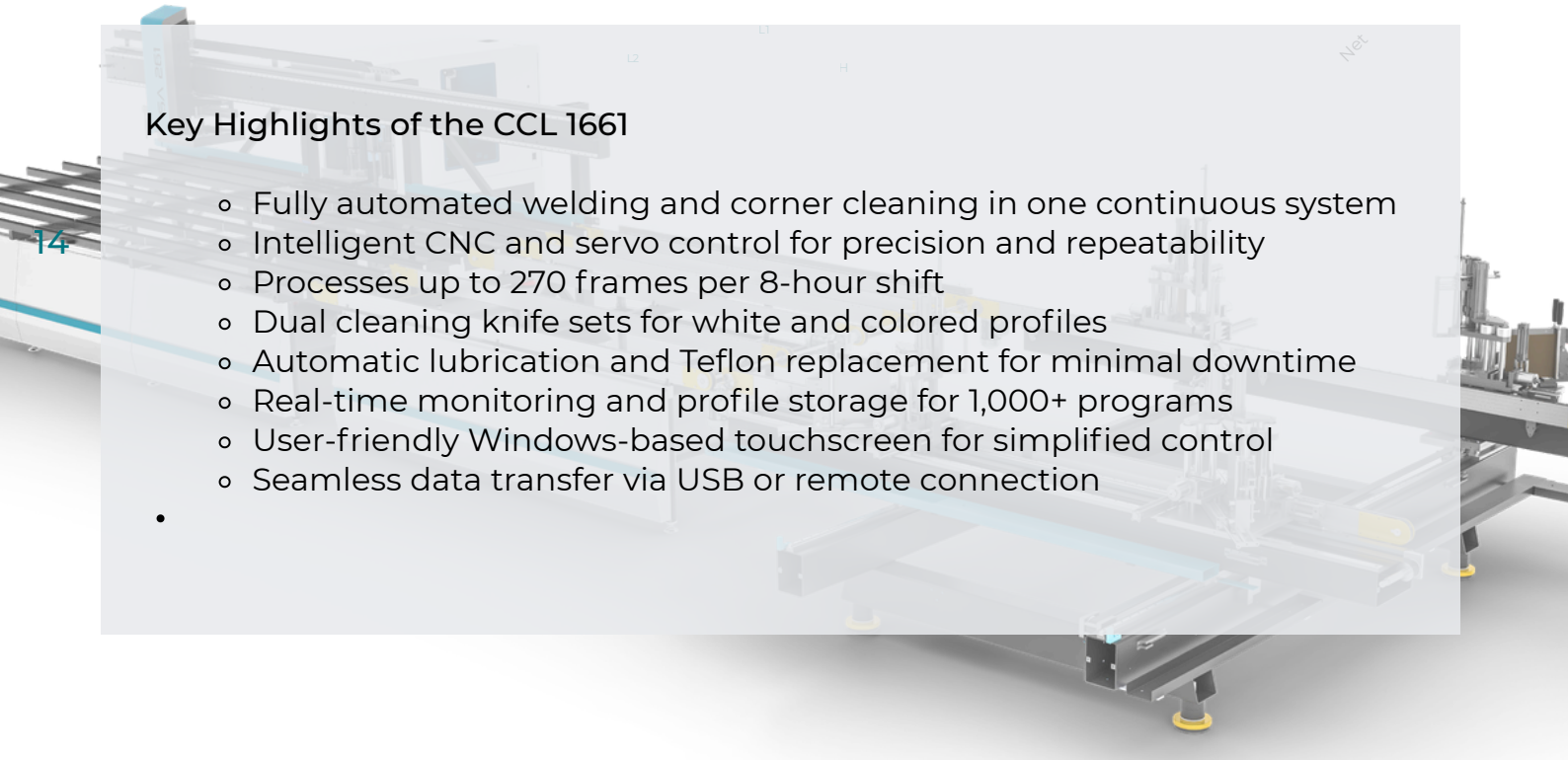
WxLxH cm
472x1.173x207

KG
3.156
3.931

GENERAL FEATURES

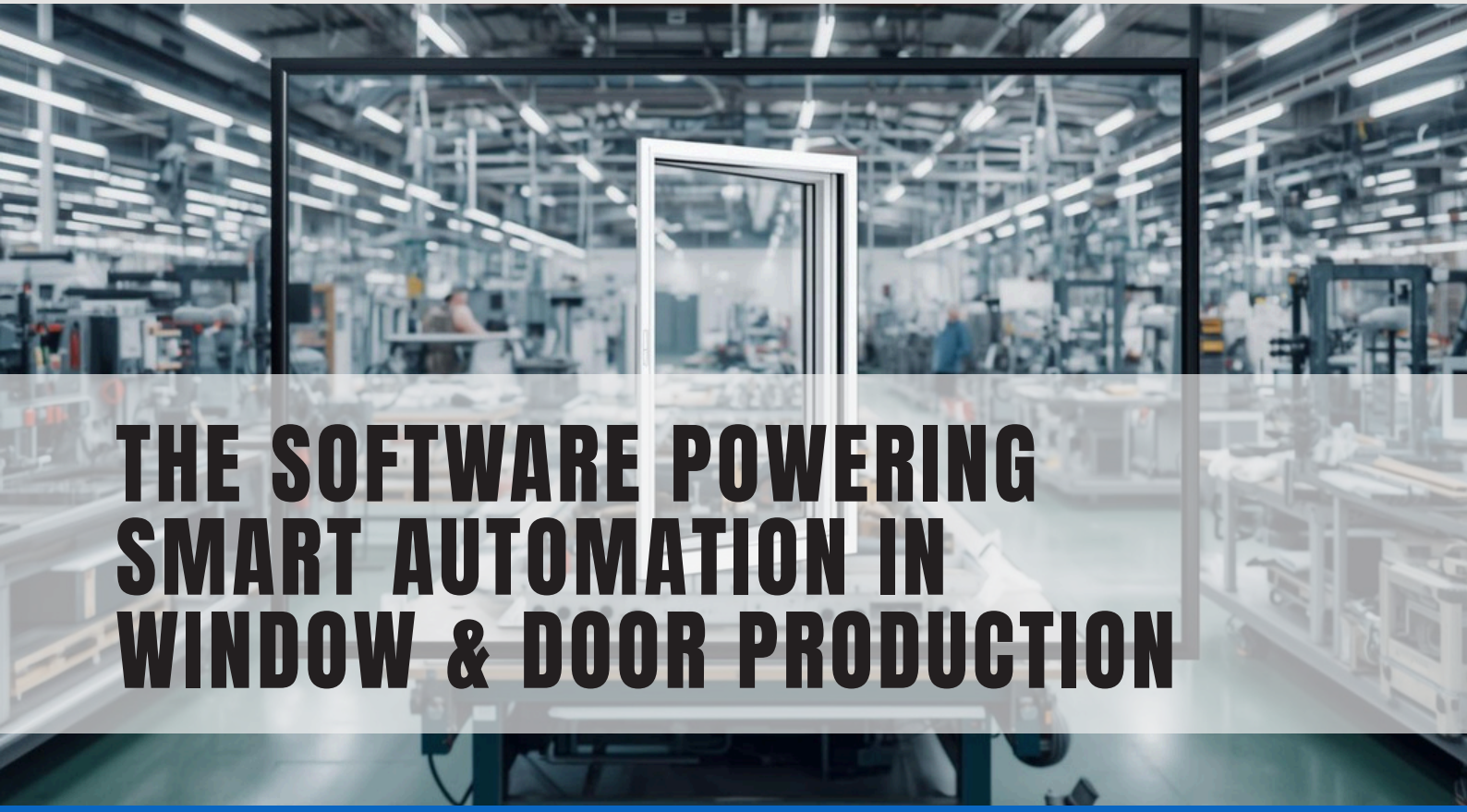
- Yılmaz custom profiles cleaning program
- Manual and automatic operating modes
- Automatic sash and frame profile recognition system
- Profile width and height measurement system
- 11 set of automatic profile cleaning knives
- Separate cleaning knives for color and white profiles
- Automatic central lubrication system
- Window based touch screen
- Profile program transfer via USB flash memory
- Remote connection and technical support capability
- Movable control panel
- Speed change during the process
- Production capacity of up to 270 frames per 8 hours
- On-screen alarms, warnings, and real-time process monitoring
- Automatic welding range transition (0.2-2.0 mm) unique to Yılmaz
- Cleans all four corners with automatic rotation system
- 2/4-axis automatic movement for precise processing
- Supports barcode-based automatic operation
- Store up to 1,000 profile recipes with adjustable parameters
- Fast Teflon replacement and easy loading of long profiles
- Automatic rotation for frames up to 2200 × 2200 mm

"A fully automated solution designed to optimize performance, reduce manual work, and ensure perfect results."



Key Highlights of the CCL 1661

- Fully automated welding and corner cleaning in one continuous system
- Intelligent CNC and servo control for precision and repeatability
- Processes up to 270 frames per 8-hour shift
- Dual cleaning knife sets for white and colored profiles
- Automatic lubrication and Teflon replacement for minimal downtime
- Real-time monitoring and profile storage for 1,000+ programs
- User-friendly Windows-based touchscreen for simplified control
- Seamless data transfer via USB or remote connection

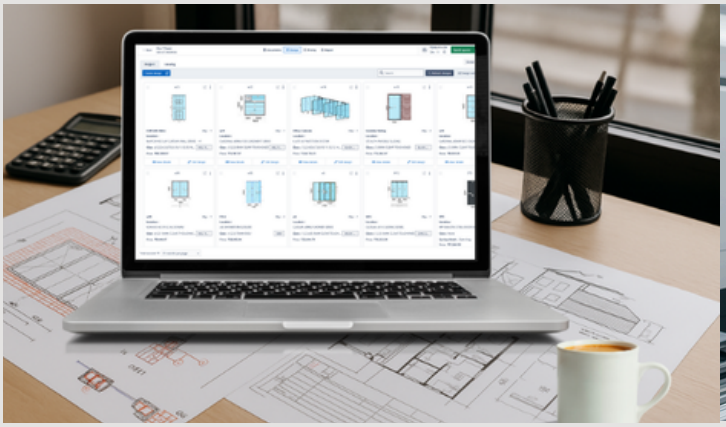


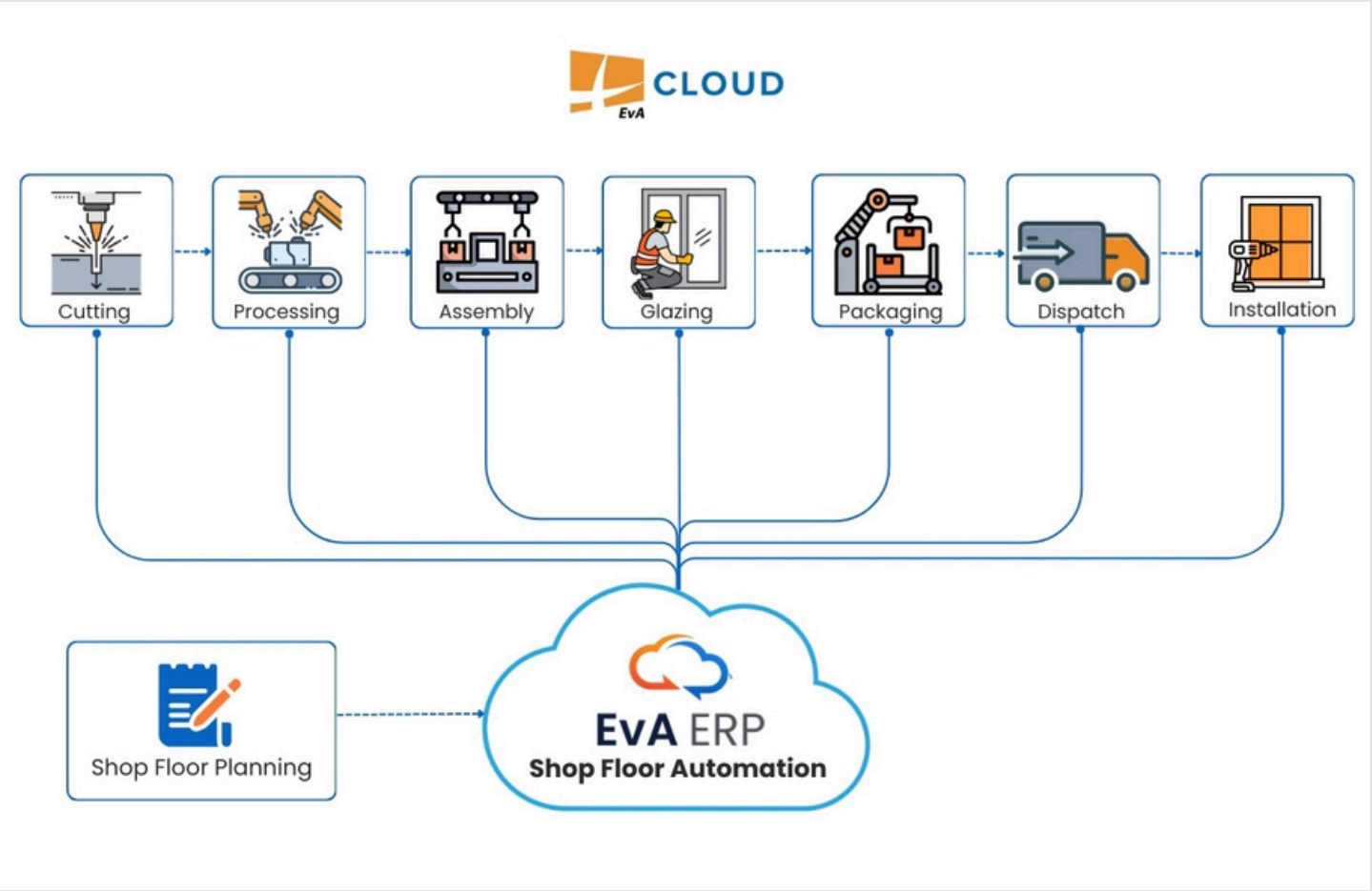
THE SOFTWARE POWERING SMART AUTOMATION IN WINDOW & DOOR PRODUCTION

BY EVA CLOUD

As the window and door industry embraces digital transformation, EvA is empowering manufacturers to take the leap from traditional operations to fully automated, data-driven production floors.

While many Indian factories still rely on semi-automatic CNC machines that require significant manual intervention, EvA's intelligent software platform brings Industry 4.0 capabilities to the shop floor. The system seamlessly integrates every stage of production — from profile cutting, machining, welding, and corner cleaning to assembly, glazing, packaging, and dispatch — creating a connected and efficient workflow.





EvA's platform interfaces effortlessly with globally renowned machine brands such as Elumatec, FOM, GRAF, Haffner, Kaban, Murat, Ozgenc, Pertici, Schirmer, Someco, Thorwesten, Urban, and Yilmaz, ensuring compatibility and flexibility across diverse manufacturing setups.

Beyond basic CNC automation, EvA enables routing, drilling, and hinge placement with micron-level precision. Its barcode-based tracking ensures complete visibility across the production cycle — from cutting to dispatch — minimizing errors, optimizing labour, and significantly boosting throughput.

The platform's cloud-connected architecture allows manufacturers to monitor operations in real time. Through EvA's intuitive web dashboard, companies can track key performance metrics such as Overall Equipment Effectiveness (OEE), idle time, and throughput. Real-time analytics and alerts help detect deviations early, reduce wastage, and prevent costly downtime.

By combining smart machining, live analytics, digital tracking, and optimized service workflows, EvA is redefining how window and door manufacturers operate — enabling Indian factories to match global benchmarks in efficiency, quality, and customer experience.

"EVA CLOUD: Reimagining Shop Floor Efficiency with Intelligent Automation"

AUTOMATION, DIGITALIZATION, AND SUSTAINABILITY

The New Era of Extrusion by Exelliq

“Exelliq is redefining the extrusion industry with its smart automation solutions. Through technologies like iQ.STACK, DIGI.MASTER, and EXTRUSION.EXPERT, the company combines digital intelligence with precision engineering to boost productivity, efficiency, and sustainability in modern extrusion processes.”

Exelliq invites you to experience a new era of innovation, knowledge, and technology in extrusion! As a global leader in extrusion lines, tooling, and complete systems, Exelliq continues to revolutionize the industry through smart automation, digitalization, and sustainable solutions.

At the forefront of its innovation lineup is the iQ.STACK stacking system, showcasing how intelligent profile handling can be fully automated through flexible loading and unloading systems. The multi-material co-extrusion technology sets new standards in processing versatility and sustainability by precisely combining different materials and maximizing recycling opportunities.

Taking digital control to the next level, the DIGI.MASTER platform enables intelligent data analysis and process optimization, ensuring smarter and more efficient production. Additionally, EXTRUSION.EXPERT software supports companies in preserving valuable know-how and training new employees effectively, making workforce development a seamless part of automation.

A key focus for Exelliq is knowledge management, where collaboration and learning play a vital role in driving long-term competitiveness. Through expert discussions and industry partnerships, Exelliq continues to promote smarter, more connected, and sustainable extrusion ecosystems.
With its commitment to innovation and excellence, Exelliq stands as a driving force shaping the future of extrusion — empowering manufacturers with technology that enhances performance, efficiency, and profitability.

"Automation meets intelligence with Exelliq — transforming extrusion through smart control, data-driven efficiency, and future-ready innovation."

REDEFINING SURFACES WITH INNOVATION AND DESIGN

BY CONTINENTAL FILMS

As a surface specialist, Continental focuses on functional and design-oriented materials for the automotive, furniture and construction industries, the printing industry and the do-it-yourself industry.

The international, globally active company has bundled its surface expertise for all industries in one business area.

With 5,900 employees, Continental develops, produces and markets surface materials in the Surface Solutions business area at 24 locations in Germany, Brazil, China, France, India, Italy, Japan, Mexico, Poland, Singapore, Spain and the USA, and is represented worldwide with 28 sales locations and joint representative offices in 56 countries.

Continental Exterior surfaces have been especially developed for outdoor use. As an industrial coating for building elements as diverse as windows, doors, garage doors and façade cladding, they are designed for long-term use. The patented cool colors technology prevents excessive heat build-up on the surface – even in unfavourable conditions.

The exterior surfaces combine function and design in an ideal way: they are weather-resistant, easy to clean, durable and have a high-quality appearance and pleasant feel. Their modular design is geared towards different substrate materials, applications, and processing. This enables a combination of decors across the individual building elements and enables planners, builders, and architects to react flexibly to individual preferences.

Continental

AUTHENTIC WOOD FEEL, ADVANCED SURFACE PERFORMANCE

The Super-Matt Range By Renolit

“Authentic wood feel meets high-performance innovation”

RENOLIT EXOFOL FX is weather and UV-resistant. To protect our high-performance films from extreme heat, we have equipped them with The technology SolShield (SST) that reduces heating of the film surface.In addition, the film's low surface tension makes it inherently dirt-repellent and therefore easy to clean.

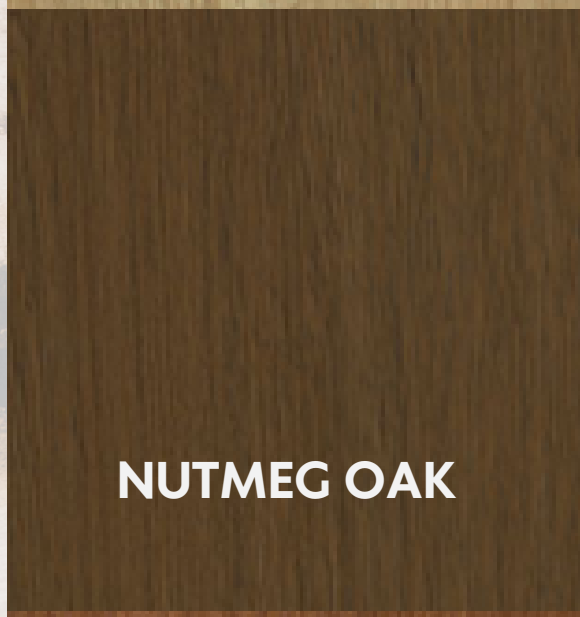
Thanks to the RENOLIT EXOFOL FX Super-Matt surface these four designs are not only looking like real wood, they have a wooden touch, too.

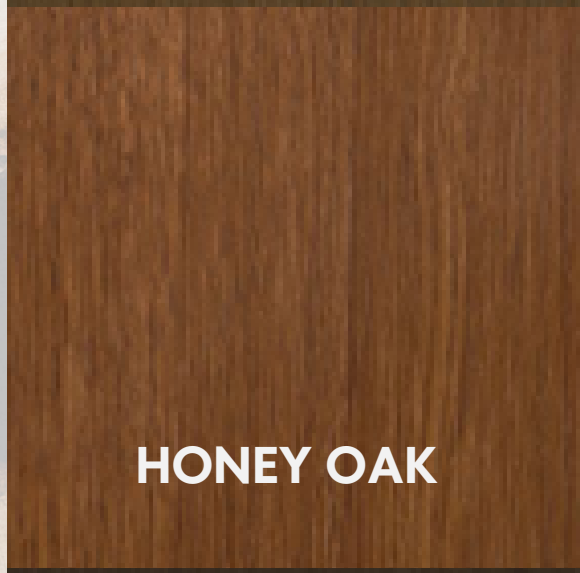
Coriander Oak is a vibrant oak design with a light brown base colour and discreet grey undertones. Within the design light and dark areas alternate, while cathedrals and distinctive knots convey a rustic feel to Coriander Oak. The liveliness of the new décor is accentuated by a deep, flowing woodgrain textured surface.

The style of the Nutmeg Oak decor is characterised by understated stripes. A subtle grey tone takes away the severity of the linear grain, while the few knots create unobtrusive accents. The distinctive dark ochre tone gives the oak decor a fresh and modern appearance and makes Nutmeg Oak the perfect partner for the reduced colour language of modern architecture.

The Honey Oak decor symbolises warmth and quality. Subtle knots enliven the rustic golden brown colour, with alternating light and dark sections. Its deep, dynamic oak structure is combined with the smooth feel of the outer layer.

Amaranth Oak is a sophisticated oak decor exuding deep elegance and modernity. Its rich, dark brown hue provides a striking contrast to lighter elements, creating a sense of depth and refinement. The smooth texture enhances its luxurious appeal, adding a touch of timeless elegance.





TECHNO TRACK: THE OUTDOOR SCREEN SYSTEM THAT REDEFINES COMFORT, STYLE & PROTECTION

BY PHIFER MESH

With its state-of-the-art design and advanced engineering, Phifer's Techno Track transforms open balconies, patios, and exterior spaces into comfortable, usable living zones. Combining cutting-edge functionality with modern aesthetics, it offers protection from sunlight, rain, insects, dust, and wind — while ensuring privacy and excellent ventilation.

Engineered for Performance

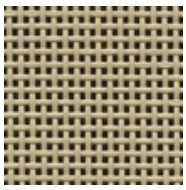
Techno Track is designed using four high-performance materials — High-Density Exterior-Grade Aluminium, Stainless Steel (316 Grade), Zamak, and EPDM (Ethylene Propylene Diene Monomer) — delivering exceptional durability, weather resistance, and longevity.

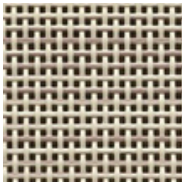
The innovative Z-LOCK™ zip-guided system ensures the fabric stays perfectly aligned within the frame, eliminating gaps and providing a streamlined, secure fit. This concealed fabric retention system enhances both performance and visual appeal.

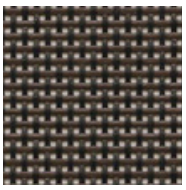
Fabric Innovation: Phifer SunTex 80
At the heart of Techno Track is the Phifer SunTex 80 fabric — a vinyl-coated polyester mesh offering 80% shading and 20% openness for clear outward visibility. With a 10-year exterior warranty, the fabric provides high durability, UV protection, and superior resistance to heat and glare. Available in six elegant color options, SunTex 80 not only enhances comfort but also helps reduce energy consumption by blocking up to 80% of solar heat.

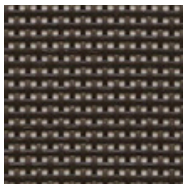
Aesthetic Design, Reliable Performance
The sleek aluminium headbox and concealed fittings offer a modern, minimal look that complements any architectural style. Whether installed in homes, cafes, or commercial spaces, Techno Track delivers both style and substance — a perfect blend of innovation and reliability.

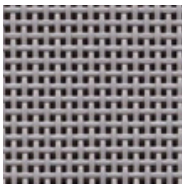
Designed for Flexibility
Techno Track comes in both manual and motorized options, allowing effortless control. The motorized variant, powered by the Automate FT motor (IP20 rated), enables smooth, quiet operation through a button, remote, or even voice control — bringing convenience and sophistication to outdoor living.

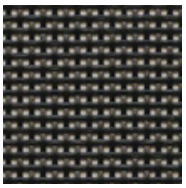

SUNTEX 80 - BEIGE


SUNTEX 80 - STUCCO


SUNTEX 80 - DARK BRONZE


SUNTEX 80 - BROWN


SUNTEX 80 - GREY


SUNTEX 80 - BLACK

WOVEN WIRE MESH: STRENGTH, STYLE & SUSTAINABILITY FOR MODERN DOORS AND WINDOWS

BY STEELIA METAVAL

In today's construction and manufacturing landscape, the demand for reliable, durable, and versatile materials is higher than ever. Among these, woven stainless steel wire mesh has emerged as a material of choice, bridging the gap between traditional utility and modern innovation.

THE FABRIC OF STRENGTH

Unlike welded mesh or expanded metal, woven mesh is created by interlacing stainless steel wires with precision. This method results in uniform openings, superior strength, and a sleek finish that balances functionality with aesthetics. Its durability and corrosion resistance make it a trusted material across industries.

KEY APPLICATIONS

Construction & Architecture: Used in uPVC and aluminum doors and windows, woven mesh provides safety, ventilation, and low-maintenance screening.

Industrial Manufacturing: Serves as an essential material for filtration, sieving, and reinforcement.

Design & Innovation: Increasingly being adopted in modern architectural facades and interiors, thanks to its balance of strength and visual appeal.

MARKET OUTLOOK

India's construction industry is witnessing rapid growth in uPVC and aluminum systems, which in turn is fueling demand for high-quality stainless steel woven mesh. With a growing emphasis on durability , safety, and sustainability , woven mesh is becoming more than just a functional product — it is a strategic material for long-term value.

A SUSTAINABLE EDGE

Stainless steel mesh is fully recyclable and built for longevity, aligning with global goals for sustainable construction. For builders and manufacturers aiming to balance performance with responsibility, woven mesh provides a dependable solution.

LOOKING AHEAD

As the market evolves, woven wire mesh is poised to play a pivotal role in shaping stronger, smarter, and greener infrastructure. By combining traditional weaving expertise with modern precision standards, the industry is ensuring that this material continues to meet the demands of the future.

NCK ASSOCIATES BECOMES PART OF UWDMA'S GROWING INDUSTRY ECOSYSTEM

UWDMA proudly welcomes NCK Associates Pvt. Ltd., a Delhi-headquartered distribution and trading company, as one of its newest members. With more than 20 years of industry experience, NCK Associates has built a strong reputation for delivering trusted construction chemical solutions and dependable technical support across North India.

Recognised as an authorised channel partner for some of the world's leading brands—including Wacker, Nippon, Tesa and Dendrite—the company ensures that customers receive genuine, high-performance products tailored to demanding project conditions. Their technical competence, combined with a focus on quality and application reliability, makes them a preferred partner for a wide spectrum of industry stakeholders.

SILICONE BY WACKER

As they join the UWDMA community, we look forward to their active participation, industry insights and collaborative efforts toward strengthening the ecosystem. Their inclusion enhances our collective capability to promote quality, innovation and sustainable growth in the uPVC windows and doors sector.

ADVANCED MS POLYMER SEALANTS – V-TECH

NCK Associates has cultivated a robust dealer network and maintains an active presence across Delhi-NCR, Haryana, Punjab, Uttar Pradesh, Rajasthan, and adjoining regions. Whether serving large-scale projects or catering to retail requirements, the company is known for its efficient supply chain, timely deliveries and hands-on support.

Over the years, NCK Associates has supported contractors, applicators, OEMs and various industrial segments, helping them build durable systems through value-driven solutions. Their commitment to consistency and customer satisfaction aligns perfectly with UWDMA's mission of elevating standards across the fenestration and allied industries.

UWDMA extends a warm welcome to NCK Associates Pvt. Ltd. and wishes them continued success as we work together toward a stronger, more informed industry.

ADHESIVE & PROTECTIVE TAPE BY TESA

WHERE FENESTRATION MEETS THE FUTURE

ZAK DOORS & WINDOWS EXPO 2025

"The 21st ZAK Doors & Windows Expo, from 4th–7th December 2025 in Mumbai, brings together industry leaders, innovators, and professionals to explore the latest trends, technologies, and products in the façade and fenestration sector."

The fenestration and façade industry is gearing up for one of its most anticipated events — the 21st edition of the ZAK Doors & Windows Expo, scheduled to take place from 4th to 7th December 2025 at the Bombay Exhibition Centre, Mumbai.

Renowned as India's leading platform for innovation and collaboration in doors, windows, and façades, the ZAK Expo brings together architects, builders, engineers, fabricators, consultants, and interior designers from across the country and beyond. The event continues to serve as a dynamic meeting ground for industry professionals, offering exposure to the latest trends, technologies, and sustainable solutions shaping the future of modern construction.

Exhibition Stalls: Explore an extensive showcase of doors, windows, façades, hardware, and automation systems from leading manufacturers and global brands.

Live Demonstrations: Experience cutting-edge technologies in action, with real-time product demos highlighting performance, design, and innovation.

Networking Opportunities: Connect with industry peers, suppliers, and potential collaborators, fostering new partnerships and knowledge exchange.

Beyond being an exhibition, the event serves as a hub of learning and inspiration for professionals engaged in residential, commercial, and industrial projects. With a focus on energy efficiency, design innovation, and sustainability, the ZAK Doors & Windows Expo continues to elevate standards and drive growth in the Indian façade and fenestration sector.

Don't miss this opportunity to be part of India's most influential doors and windows event — where ideas meet innovation, and business meets opportunity.

EMPOWERING FENESTRATION WITH EXPERT LEARNING

WFM Media EdTech Master Class Series

"The Master Class Series empowers industry stakeholders with clear, expert-led insights on materials, safety, and performance—helping architects, fabricators, and builders make better decisions, adopt tested systems, and follow best practices. It strengthens industry capability, improves quality, and supports safer, more efficient fenestration solutions."

As part of its EdTech initiative, WFM Media, in collaboration with CCPS, UWDMA, Ozone, Goldplus, and FOSG, has launched an engaging podcast series of Master Classes designed to deepen industry understanding of fenestration, building envelopes, materials, and safety practices. The initiative brings together leading experts, architects, and industry pioneers to discuss evolving technologies, sustainable design practices, and the critical importance of safety and performance in modern construction.

Season 1 – "Unveiling the Layers: A Deep Dive into Building Envelopes"

Hosted by Amit Malhotra (Founder, McCoy Group; President, CCPS) and Ar. Deepak Gahlowt (Convener, CCPS), the season explored the many dimensions of building envelopes—their functions, material choices, and role in ensuring energy efficiency and wellness.

The panel included Sharanjit Singh (Chairman, GSC Glass), Alok Aggarwal (Founder, Ozone Overseas), and Shobhita (Convener, UWDMA), who collectively unpacked the functions, design principles, and safety considerations that define effective façade systems. The discussions spanned topics such as need for effective and safe building envelopes, acoustic protection, glass regulations, NBC codes, and the importance of certified materials.

Subsequent episodes addressed human and fire safety, the right use of glass for energy, light, and transparency, and how façades impact occupant health and wellness. The series emphasized the role of education, awareness, and quality standards in shaping safer, smarter, and more sustainable building practices.

Season 2 – "Windows to Performance: Choice of Materials & Glass and the Science of Fenestration"

Building on the foundation laid in Season 1, the second season focused on materials and performance in window and façade systems. Featuring Mr. YP Singh (Ozone Group), Ms. Sheetal Khanna (Gold Plus Glass Industry; FOSG), and Mr. Manish Bansal (Window Magic), the discussions compared uPVC vs aluminium systems, explored glass choices for windows, and detailed manufacturing specifications for system windows.

The conversations delved into material evolution, cost-performance balance, energy efficiency, and testing protocols, highlighting the need for educating architects, builders, and fabricators on the significance of tested systems and proper installation techniques.

Through these Master Classes, WFM Media and its partners are fostering a culture of continuous learning, empowering industry professionals to adopt innovative, safe, and sustainable fenestration practices for the buildings of tomorrow.

IS AUTOMATION

THE NEED OF THE HOUR IN UPVC WINDOW & DOOR MANUFACTURING?

BY SHOBHITA MISHRA
TRAINER & PAN INDIA COORDINATOR -UWDMA

Experience as a Trainer

Over the past few years, as a trainer working closely with young ITI graduates in uPVC window fabrication, I have witnessed a growing challenge that many of us in the industry silently struggle with. We invest time, energy and resources to skill young students–teaching them fabrication techniques, accuracy, safety, and the discipline that manufacturing demands. Yet, when it comes to actually joining the workforce, many of these trained candidates choose not to enter the production floor.

This is not an isolated incident–it reflects the mindset of today's generation. Factory work is perceived as difficult, physically demanding, and less glamorous compared to easier, quick-earning options available outside manufacturing. On the other hand, companies in our industry are holding strong order books but simply do not have the manpower to manufacture and deliver windows on time. The demand is there, but the workforce is not.

This widening gap forces us to ask an important question: Is it time for the uPVC window and door industry to move towards automation?

Why Automation Now?

Automation has long been seen as a luxury–expensive, sophisticated, and meant only for large manufacturers. But today, it is becoming a necessity. With fewer people willing to work on the shop floor, companies must rely on machines that require minimal manpower, deliver consistency, and reduce dependency on skilled labour.

Automation offers several clear advantages

- Higher productivity with reduced cycle time
- Significantly fewer mistakes, leading to better quality
- Consistency and repeatability in every window manufactured
- Reduced dependence on operators, solving the manpower crisis
- Better safety and organised workflow
- Stronger output capacity, enabling timely delivery

Is Automation Expensive? Yes. But Is It Worth It? Absolutely.

The biggest hesitation for most fabricators is the initial investment. Automated sawing lines, welding & corner cleaning machines, CNC routers, and digital assembly setups may look expensive when compared to traditional manual equipment. But when evaluated over time, the economics change dramatically.

With automation, factories gain:

- Up to 30–50% higher production output
- At least 40–60% fewer manual errors
- Lower rejection rates
- Less rework and wastage
- Lower manpower costs in the long run

How Long Does It Take to Recover the Cost?

While the exact payback period varies from company to company, depending on order volume and the level of automation adopted, a general observation across the industry shows:
Most medium-sized fabricators can recover their automation investment within 18–36 months.

This recovery comes through:

- Increased daily production
- Reduced dependency on skilled labour
- Higher accuracy and fewer returns
- Significant savings in material wastage
- Faster order fulfilment, leading to better sales and customer satisfaction

The Future of Fabrication

If we want our industry to grow, we must accept that the availability of skilled labour will continue to decline. Young workers are looking for easier, more digital, and more comfortable roles. Automation is not just a technological upgrade–it is a survival strategy for the future.

My Message to Fabricators

As someone deeply invested in training and skill development, I say this with a heavy heart: we cannot rely on manpower alone anymore.

Automation is no longer optional–it is essential.

LINGEL SUCCESSFULLY CLEARS 2ND YEAR UWDMA AUDIT!

SETTING NEW STANDARDS IN QUALITY AND CONSISTENCY

Lingel Windows has once again reaffirmed its commitment to excellence by successfully clearing its second-year audit under the UWDMA Audit and Certification Program for uPVC window and door manufacturers, conducted in association with TÜV Rheinland.

The UWDMA Audit Program is designed to promote best manufacturing practices in the Indian uPVC industry. It focuses on verifying compliance with stringent quality parameters — including cutting tolerances, squareness, reinforcement screw distances, water drainage systems, hardware fixings, rawmaterial certifications, process quality checks, plant layout, and inventory management.

Successfully clearing the second-year audit demonstrates Lingel's strong commitment to quality, consistency, and continuous improvement — setting a benchmark for excellence in the uPVC window and door industry.

We congratulate Dr. Mario Schmidt, Director, Lingel Windows & Doors Technologies, and the entire Lingel team for maintaining the highest standards and reinforcing trust through their dedication to quality and precision.

BIS VISITS UWDMA

Strengthening the Future of India's Fenestration Standards

The uPVC Window and Door Manufacturers Association (UWDMA) was honored to host Mr. Pradeep Shekhawat, Scientist-D / Joint Director, Civil Engineering Department, Bureau of Indian Standards (BIS),.

He was accompanied by Dr. h.c. Mario Schmidt, President – UWDMA, and Mr. Ullas Guliani, Head – UWDMA Technical Committee.

This visit comes at a crucial time as BIS is in the final stages of releasing the national standards for uPVC windows and doors, a landmark step that will shape the quality and performance framework for the industry in India.

These upcoming standards are expected to drive the sector towards enhanced quality assurance, safety, and durability, aligning Indian manufacturing with global best practices. For consumers, this translates into higher product reliability, better performance, and long-term value.

UWDMA remains steadfast in its mission to collaborate with BIS and other industry stakeholders in building a standardized, high-quality, and sustainable future for India's rapidly growing fenestration industry.

BRIDGING SKILL AND INDUSTRY THROUGH HANDS-ON LEARNING

Convocation Ceremony of Trainees in uPVC Window & Door Fabrication

On 22nd August 2025, the uPVC Window and Door Manufacturers Association (UWDMA) proudly hosted the Convocation Ceremony for a batch of trainees who successfully completed 60 hours of specialized training in uPVC Window & Door Fabrication at the UWDMA Training Centre, Behror.

Conducted alongside their ITI Final Year studies, this training program was designed to bridge the gap between academic learning and industry requirements, empowering young students with the technical skills and practical exposure necessary to become job-ready professionals for India's growing fenestration sector.

The convocation marked a significant milestone — not only as a celebration of achievement but also as a step forward in addressing the industry's demand for skilled manpower.

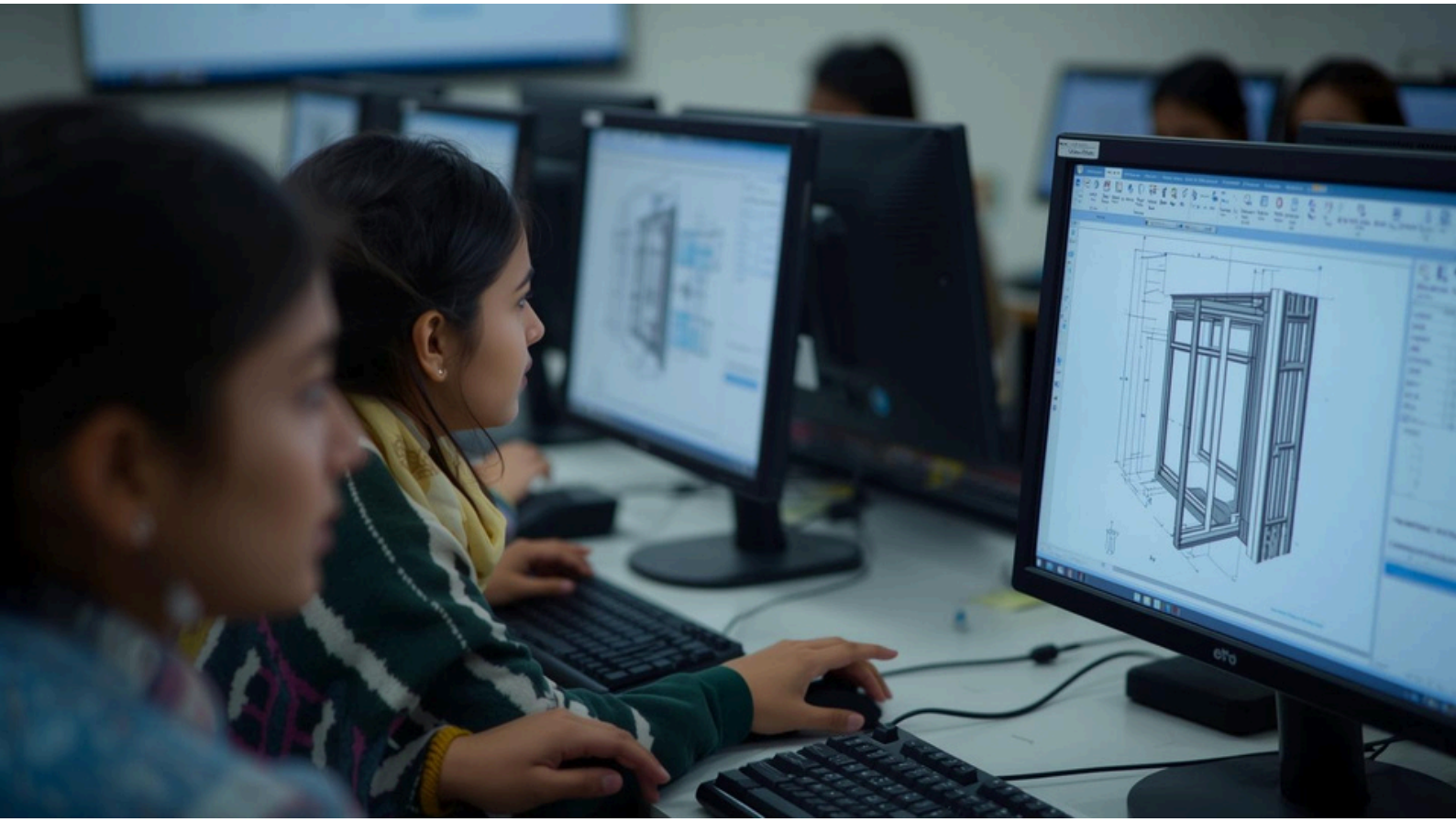
Speaking at the event, UWDMA representatives emphasized the importance of continued skill development and collaboration between educational institutions and industry bodies to create a sustainable talent pipeline.

Heartfelt congratulations to all the trainees for their dedication, commitment, and achievement. UWDMA extends its best wishes to the graduates as they embark on promising careers, contributing to the growth and professionalism of the Indian window and door industry.

"Trainees at the UWDMA Training Centre learning the fundamentals of uPVC window and door manufacturing through real-time workshop sessions."

CELEBRATING 25 NEW CERTIFIED WINDOW & DOOR DESIGNERS!

Empowering the Future of the Fenestration Industry



The uPVC Window & Door Designing Online Training Program, conducted by the uPVC Window and Door Manufacturers Association (UWDMA) in collaboration with EvA – Evolutionary Algorithms, has successfully concluded its latest edition, marking another milestone in the industry's skilling journey.

Over an intensive 16-hour training program, participants gained in-depth knowledge of window and door design principles, materials, and fabrication processes, along with hands-on experience using EvA's cutting-edge software platform.

A total of 25 participants successfully completed the course, earning their certification as future-ready professionals for India's rapidly growing fenestration industry.

To celebrate their achievement, an online convocation ceremony was held on 25th September at 3:30 PM, graced by Dr. h.c. Mario Schmidt, President, UWDMA, who shared insightful guidance and encouragement with the graduates. His address highlighted the importance of continuous learning and innovation as key drivers of excellence in the industry.

This initiative underscores UWDMA's ongoing commitment to skill development and industry empowerment. By nurturing young talent, UWDMA continues to bridge the gap between academic education and real-world industry requirements.

Congratulations to all 25 certified designers for their dedication and success!