



Redefining American Glass lamination industry with TK's Italian expertise

Across the Americas, laminated glass manufacturing is advancing through scalable, energy efficient technologies and integrated support systems. With successful installations last year, TK plays a central role by delivering high-performance EVA, PVB and SGP laminating ovens, enabling low energy consumption, consistent quality, operational flexibility and continuous production - all whilst supporting evolving industrial demands with reliable solutions and long-term technological development.

EXPANSION

TK, an Italian manufacturer of ovens for glass lamination, tempering, chemical tempering, and HST, has expanded its presence across North and South America over the past year. A series of installations highlights the company's ability to address the diverse requirements of modern glass fabricators, from high-volume architectural jumbo production to the precision demands of specialized laboratories. Its Made in Italy technology is increasingly recognized as a standard of excellence in overseas markets.





as the only full convection technology on the market. It incorporates fast curing and intelligent heating designed to deliver balanced heat distribution across each tray. An automatic fast cooling phase ensures transparency at the end of the cycle, a critical stage in the lamination process. Designed for high-volume laminated glass production and manu-

factured exclusively with European components, the TK Convection oven combines advanced technology with operational simplicity. It is suitable for multi-laminated and bulletproof glass, tempered laminated glass, structural applications, railings, balustrades and can process various types of interlayers.

REPUTATION, RESULTS AND RELIABILITY

TK's sustained success is rooted in both its established reputation and the measurable outcomes achieved by its customers. Its ovens are known for a solid, scalable, all-metal design engineered for durability. Combined with precise heating control and high-performance thermal insulation, these systems significantly reduce energy consumption and operating costs. This combination represents a strategic advantage for businesses and a consistent benchmark of quality for clients.

ONE AND ONLY FULL CONVECTION TECHNOLOGY

TK's expansion in the American market includes the installation of a TK Convection 250x600 kiln, equipped with six vacuum pumps, one for each tray, designed to support high production volumes and continuous workflow. The TK Convection system is presented





TK LAMIJET OVENS. THE IDEAL CHOICE FOR SMALL AND MEDIUM PRODUCTION VOLUMES

A global chemical company in the United States has installed a compact TK Lamijet 01 80x140 with radiant technology for testing within its R&D department. In parallel, three glass processors have adopted TK Lamijet 02 210x310, TK Lamijet Hybrid 02 210x360, and TK Lamijet Hybrid 04 210x360 systems to optimize large-scale lamination workflows. Expansion has also extended into South America, where a regional provider selected the TK Lamijet Hybrid 02 260x360 to enhance production capacity. The TK Lamijet Hybrid models integrate radiation and convection technologies within a single kiln, ensuring process stability and uniform



heat distribution across interlayers and custom inserts. Thermal precision is maintained through energy-efficient multizone control, which independently regulates power to achieve a consistent temperature profile. A forced cooling system further reduces cycle times while keeping the clarity and

structural integrity required for high-quality glass production.

SCALABILITY AND 24/7 SUPPORT

The TK Lamijet range is designed with modular scalability, enabling manufacturers to expand production capacity progressively by adding modules as demand grows. This approach safeguards the initial investment whilst maintaining operational efficiency. Support extends beyond equipment supply through TKare and TKconnect 4.0 technologies. The company provides on-site installation and training to ensure seamless integration into production workflows. In addition, TKconnect 4.0 enables continuous remote assistance via cloud-based connectivity, allowing real-time diagnostics and troubleshooting. This Industry 4.0 capability supports rapid intervention, often re-

solving issues before performance is affected.

TK NEVER STOPS

With several ovens currently being finalized for delivery, the company's expansion continues. Upcoming installations include a TK Convection 260x600 and a TK Lamijet 04 Hybrid Pro, representing advanced developments in glass processing technology. These projects reflect a continued focus upon large-scale convection systems and hybrid solutions, reinforcing the company's position in innovation and reliability across global markets.



Via del Lavoro, 1
22036 Erba (CO) - ITALY
Tel.: +39 031 3574873
ask@tkitaly.com
www.tkitaly.com

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