

# Shaping tomorrow's industry with **GLASS COMPANY** expertise

For over a quarter of a century, GLASS COMPANY has so far combined vision, precision and innovation to shape the future of glass processing. Today, from Pesaro to the world, its cutting-edge solutions in laser systems, fire-resistant glass and smart coatings all continue to define new standards for technology, customization and industry performance.

Based in Pesaro, Glass Company finds itself in a rapidly-evolving global industry landscape that's driven by the same technological innovation by which it continues to establish itself as a valuable reference point in glass processing. Active now for over 25 years, the Italian company still proudly upholds a manufacturing philosophy that's centered upon quality, research and customization. Despite maintaining a modest size, Glass Company Srl is now recognized worldwide as a partner for the design and manufacturing of highly specialized, technologically advanced systems. Its solutions are in demand not only across Europe but also in emerging markets in South America, Asia and the Middle East.



## LASER SYSTEMS FOR ABLATION, SANDBLASTING, CUTTING AND DRILLING

The LASERMEK range forms the core of the company's technological offerings. These laser systems support a variety of processing operations, including functional and decorative coating ablation, laser sandblasting, shaped and linear cutting, and precise geometric drilling. The 'All-In-One' model consolidates ablation, sandblasting, and drilling into a single, compact, modular system. LASERMEK machines are engineered to meet the demanding needs of sectors such as furniture, automotive, technical glass and architectural construction. The laser sources employed enable selective processing of Low-E coatings,

functional coatings, painted and silvered glass, leaving the underlying glass fully transparent or achieving an opaque, satin/sandblasted finish. The processes are clean, precise and repeatable - even on large formats. In particular, LASERMEK DRILL integrates the capability to produce holes of any shape and very large diameters, with micrometric control over the working area on glass up to 25 mm thick. Meanwhile, LASERMEK CUT ensures perfect straight or shaped cuts with excellent edge quality. These LASERMEK systems can reduce energy consumption by up to 70 percent compared to conventional technologies and eliminate tools and consumable needs.

## FIRE & BALLISTIC-RESISTANT GLASS: DUAL PROTECTION



## IN ONE SOLUTION

One of Glass Company's most ambitious projects is FIREMEK, a comprehensive system for manufacturing fire-resistant glass in E, EW and EI classes. A recent innovation involves the integration of ballistic protection transforming the final product into a multifunctional glass capable of providing dual barriers against fire and ballistic impacts. The system encompasses not only production lines but also proprietary chemical formulations such as an exclusive super-transparent intumescent dispersion based on silica along with fire-resistant consumables. This turnkey approach allows full process control and ensures certifiable results according to international standards. This solution is ideal for public buildings, critical infrastructure, military environments and high-traffic spaces where safety must coexist with aesthetic transparency.

## VISIONMEK: TOTAL TRANSPARENCY WITH FULL VISION INSULATING GLASS FOR REFRIGERATION, ARCHITECTURE AND INTERIOR DESIGN

The VISIONMEK line represents one of the most appreciated innovations in commercial refrigeration and architectural glazing. It is an integrated system for Full Vision insulating



glass production, with no black spacers edge using transparent glass spacers and a fully automated process. Glass Company Srl developed every stage of this line internally: from glass spacers manufacturing to sealing, plasma treatment, humidity and temperature-resistant adhesives and gas filling management, including heated glass option. Full Vision IG is widely used in refrigerated display cases, internal partitions and panoramic fenestration.

## SOFTMEK: A FLAGSHIP FEATURE

SOFTMEK is a calculation system for heated glass that can be integrated into the production process to ensure consistency between dimensions, transparency and energy performance.



## DECORATIVE AND FUNCTIONAL APPLICATIONS: SMART COATINGS AND PAINTS FOR ENHANCED PERFORMANCE

Glass Company Srl offers systems for the paints and functional coatings controlled application on flat glass, enabling aesthetic customization combined with technical performance (lacquering, silkscreen printing, UV protection, antibacterial properties, electrical conductivity, etc.). These solutions are tailored for the

furniture, contract, and high-tech architectural glazing industries.

## MEASUREMENT AND QUALITY CONTROL INSTRUMENTS: EXCELLENCE IN EVERY DETAIL

To ensure the reliability of glass processing processes, Glass Company Srl also offers advanced measurement and control tools for glass quality assurance. These include systems for verifying the flatness and overall quality of tempered glass, optical surface inspection devices, residual

stress measurement solutions and more. These instruments are seamlessly integrated with the company's proprietary production lines, creating a comprehensive ecosystem that spans from manufacturing to final certification of the processed glass.

## A DYNAMIC TEAM WITH 25 YEARS OF EXPERIENCE

a market where speed is everything, the company demonstrates that innovation isn't the sole preserve of large corporations. The company works with a tailored approach: every project is unique, every machine can be customized, every customer is listened to. This adaptability, combined with a constant drive for improvement,



Glass Company Srl deems itself to be much more than the sum of its technologies, instead envisioning itself as a dynamic environment where a multidisciplinary team tackles the challenges of glass processing every day with creativity and technical expertise. In

has enabled the company to earn trust and recognition worldwide. Now, powered by the motto "our strength lies in our vision", Glass Company Srl is well-primed to showcase its latest innovations at VITRUM 2025, where it will be inviting visitors to discover firsthand how a small Italian enterprise can speak to the world with a clear, solid and technologically-advanced voice.



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