

Unveiling the infinite potential of glass: **GLASS COMPANY'S** vision

Distinguished in Pesaro, Glass Company has cultivated its reputation over time and is celebrated for its unwavering commitment to excellence, cutting-edge technology, and invaluable consultancy services to its discerning clientele. In its pursuit of glass innovation the company has an accomplished team of specialists and engineers and has pioneered three key solutions: the Ablation Laser, Heated Glass creation and the development of Fire-proof Glass.

HEATING GLASS

In a world dominated by the burning issues of sustainability and environmental consciousness, Glass Company champions the use of glass - an extraordinary material distinguished for its unique attributes. It emerges as a pivotal solution for heating structures

- delivering unparalleled thermal comfort, safety and superlative insulating properties. This visionary approach aligns with the trajectory towards a sustainable future, heralding the emergence of heating glass as the definitive trend. Ever attuned to the currents of contemporary living, Glass Company has introduced Softmek HG Square - an ingenious software, meticulously crafted, which is registered by the company. It possesses the remarkable ability to calculate precise laser-cut positions on electrically-conductive coatings applied to glass - thereby facilitating the production of heated glass. GH Square ingeniously generates vector files compatible with all the company's laser machines, which explains why its has earned such widespread acclaim within the refrigeration sector.

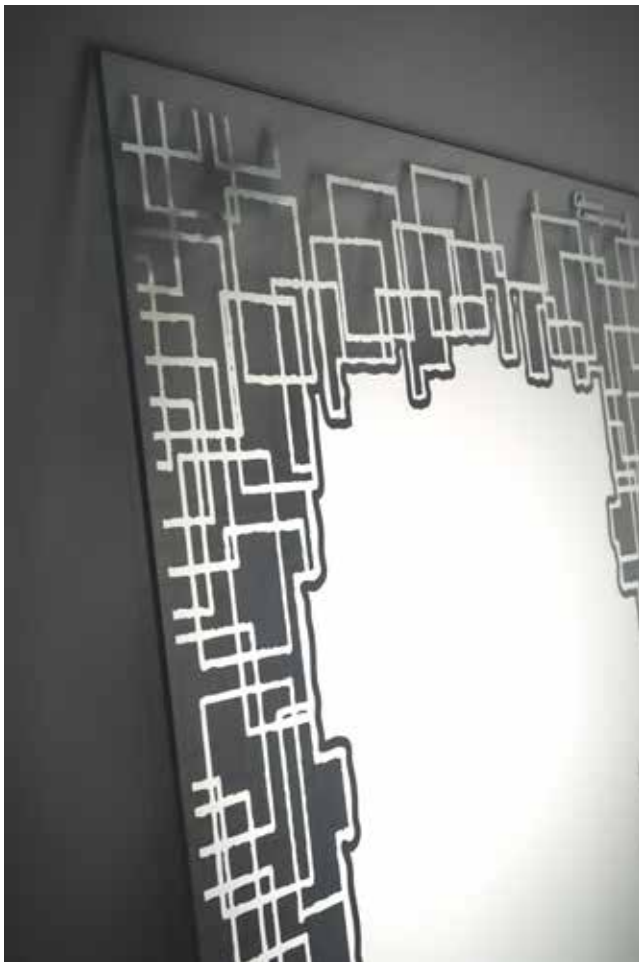


LASER

For the delicate art of engraving and ablation on glass, even on substantial surfaces, Glass Company has also presented La-

sermek - ultra-fast laser machines that are meticulously outfitted with a laser source specifically-tailored for the ablation and engraving of diverse coat-

Based in Pesaro, GLASS COMPANY specializes in ablation laser and fireproof glass solutions while its heating glass promotes sustainability in building heating. Not only. Its Firemek machines offer accessible fire-resistant glass production. The company also provides Softmek HC Square software for precision cuts and its Lasermek machines are optimum for glass engraving.



ings. Remarkably swift and precise, the laser scanner operates free of consumable components - boasting an operational life that spans thousands of hours. Masterfully it strips paint

from mirrors, leaving glass super-transparent. Also, it deftly removes vitrified paint from tempered glass, rendering it subtly opaque, and it excels at eliminating coatings from reflective

glass while doing micro-engraving as it deftly removes electroconductive bands from Low-E glass.

FIRE-RESISTANT GLASS

Within today's construction landscape, which is marked by an ever-increasing reliance on glass, the imperative of 'fire-resistant glass' assumes paramount importance today. Here Glass Company unveils an innovative system that democratizes the production of EI glass - extending accessibility to companies of all sizes, including small and medium enterprises. This groundbreaking system possesses the capability to manufacture an extensive array of both flat and curved fire-resistant glass - encompassing various resistance classes of 30, 60, 90 and 120 min-

utes - each guaranteeing the utmost protection. This specialized glass comprises at least two parallel sheets - meticulously spaced apart by a dedicated spacer and sealed with an inner and outer layer. A transparent intumescent dispersion, integral to the glass' fire-proof properties, is introduced into the interstitial space between these sheets. The precise infusion of this intumescent dispersion is deftly executed using Firemek - a cutting-edge machine of unique construction with components that ensure the creation of a homogenous mixture, entirely devoid of internal gasses. All this marks yet another testament to Glass Company's unwavering commitment to innovation and excellence in the realm of glass technology.

Glass Company Srl

GLASSCOMPANY

Via Brigata Garibaldi, 33/35
61122 Pesaro (PU) - ITALY
Tel.: +39-0721-283519
Fax: +39-0721-283310
E-mail: info@glasscompany.com
www.glasscompany.com

