

# Made in Italy distinction drives **GLASS COMPANY** technology and research

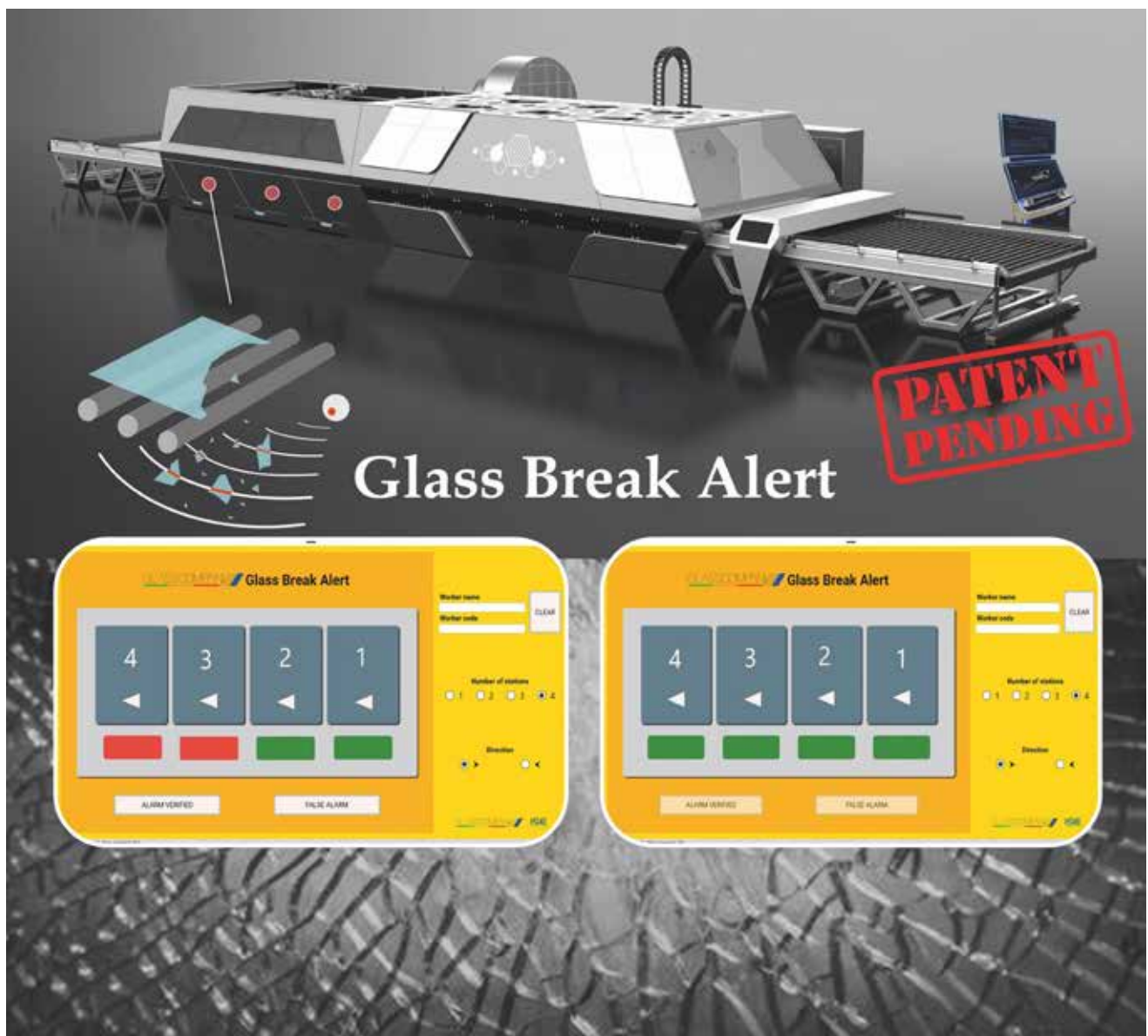


**A**mong the many technologies studied and realised by Glass Company, particular emphasis is placed on its laser technology for glass ablation, drilling and cutting. Add to these the fire-resistant glass production machinery, as well as glass spacers solutions coupled with the innovative 'Glass Break Alert' and 'Air Flow Energy Recovery' for tempering furnaces.

## **LASER TECHNOLOGY**

Here the company's new generation Laser machines include LaserMek for all types of coating ablation (Low-E, reflective, paint, etc.). Indeed LaserMek leaves the glass completely transparent and can be used to create intricate designs - even on large formats with an opaque effect. Laser-Mek Drill will cut holes of any geometric shape within an area of 150x150 mm on monolithic glass reaching

Innovation, research and cutting edge technologies share a common factor, namely **CLASS COMPANY**. Based in Pesaro, its signature dynamism and innovation lie behind the machinery and technologies of the company's own production that it brings to the glass world - all developed and manufactured to support customers from the design phase to installation and subsequent maintenance.





up to 25 mm in thickness. LaserMek Cut for straight and shaped glass cutting uses filamentation technology and can even cut large glass sheets. LaserMek Cut for straight and shaped glass cutting uses filamentation technology and can even cut large glass sheets, up to 15mm thickness. Investing in technology is a must for Glass Company, which explains why the company has already filed three patent applications on cutting technology.

## FIRE RESISTANCE

For better and safer 'construction', Glass Company has designed FireMek, a technological process that's specifically developed for the production of E, EW and EI class fire-resistant glass. A turnkey system that also includes the chemistry to produce the ultra-transparent silica-based intumescent dispersion, FireMek has the added peculiarity of using advanced technology combined with a simplicity of use that makes it also



suitable for small companies that want to make their own fire-resistant glass.

## INSULATING GLASS PRODUCTION LINE WITH GLASS SPACER

For such particular sectors as refrigeration, or to follow architectural trends focused on 'Full Vision', Glass Company has developed a clear glass spacer processing machine as well as a machine for insulating glass assembling with glass profiles - for which a patent application has been filed. Of these, the glass spacer machine processes two or four glass profiles simultaneously while perfectly smoothing and polishing the edges. The latter glues the profiles, already processed beforehand, onto the sheet of glass that's then used to make the insulating glass unit.

## GLASS BREAK ALERT

With broken glass inside a tempering furnace causing many problems in terms of machine downtime, the re-

sponse of Glass Company has been to develop a system (patent pending) called 'Glass Break Alert'. This detects glass breakage in the tempering and cooling sections, quickly identifying that area of the blower where glass breakage is taking place - whereupon the problem is solved without wasting time especially when tempering cycles are very short. A further function of the software is to analyse the percentage of broken glass during processing - collecting statistical data for different thicknesses. Glass Break Alert can be applied to any brand of glass tempering furnaces.



Glass Company Srl

GLASSCOMPANY

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



# BAU



MESSE  
MÜNCHEN



# GLASSTECH ASIA FENESTRATION ASIA

*20th Anniversary of The Glass Hub of Southeast Asia*

# 11 - 13 DEC 2024

## Saigon Exhibition & Convention Center Ho Chin Minh City, Vietnam

**>200**  
Exhibitors



**~4,500 sqm**  
Gross Exhibition  
Area



New Networking  
Platforms



**>3,000**  
Qualified Buyers



**50+**  
Visiting Countries



### Exhibitor Profiles:

- Architectural Glass Profiles
- Chemical Building Products
- Curtain Walls
- Digital Products & IT
- Glass Accessories
- Glass Production & Manufacturing Technology
- Glass Products & Applications
- Hardware
- Processing & Finishing
- Solar Technology
- Sun-shading
- Window & Door System

and more >



+65 6236 0988



bauasia@miasia.com.sg



www.glasstechasia.com.sg