



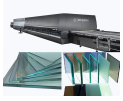
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Ürün Kataloğu

Flat glass processing systems, machinery and equipment. Tempering furnaces, CNC processing lines, glass washing and defect detection systems — Keraglass, Triulzi, Deltamax and more. We offer project support and consultancy for your investments.

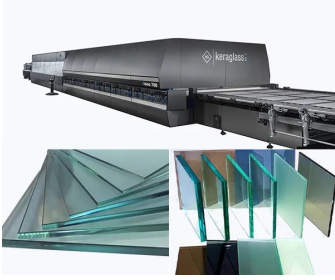
6 PRODUCTS · GLASS CONCEPT · 22.09.2026



Glass Concept 6 Products

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Keraglass Vision 800 Tempering Furnace



The Keraglass Vision 800 is an oscillating tempering furnace developed for the safe tempering of flat glass. It operates with a high-pressure blowing system in the heating chamber and preheated air circulation at approximately 700 °C; the powerful convection above and below the rollers distributes heat across the glass surface extremely homogeneously. Thanks to this convection technology, even the latest-generation low-e (low-emissivity) coated glasses at the E=0.01 level can be successfully tempered.

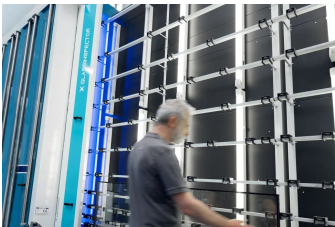
Its design, which minimizes heat losses and optimizes energy use, significantly reduces energy consumption while increasing production capacity and the optical quality of the tempered glass. Tempering increases the mechanical and thermal strength of glass several times over and ensures that, in the event of breakage, the glass separates into small pieces with a low risk of injury. This meets the safety glass standards sought in architectural facade, furniture, household appliance, and interior applications.

The advanced control system allows precise adjustment of heating-cooling recipes for each glass type and repeatable results with high flatness. As the Turkey representative of Keraglass (Italy), Concept Solutions is at your side for machine selection, installation, commissioning, and after-sales technical support.



RS Technology Glass Processing Line

RS Technology RS 89 series glass processing centers combine operations such as edge processing, grinding, polishing, drilling, milling, and calotte (calotte/dome) cutting of flat glass on a single CNC platform. The spindles operate in the 3,000–18,000 rpm range with a roundness accuracy of



Deltamax Glass Defect Detection System

Deltamax GlassInspector is an artificial vision-based defect detection system that automates quality control on flat glass lines. It detects defects such as bubbles, scratches, residues, dirt, black spots, and low-e coating surface flaws directly on the line without slowing down production. With an image resolution of 0.2 mm/pixel, it captures small defects down to 0.4 mm; it operates on glass up to 50 mm thick and at line speeds up to 60 m/min.

It can inspect any type and shape of glass, including clear, low-e, selective, and body-tinted glass. Its 64-bit technology works without reducing production speed; it classifies defects by severity using color codes and reports them with location data and photographs. The Production Analyzer software archives data, generates statistics, analyzes defect causes, and produces quality certificates.

Its modular design integrates into existing lines without requiring modifications and offers adjustable quality levels. Early and objective detection reduces scrap and customer returns; the technology of Deltamax Automazione (Italy), with over 25 years of R&D experience, is provided with the assurance of Concept Solutions.

Helios Quartz Tin-Side Detector



One face of float glass is the clean "air side", while the other carries a thin tin film and is known as the "tin side". Ensuring that mirroring, lamination, screen printing, and coating processes are performed on the correct surface is critical to product quality. The Helios Quartz automatic tin detector distinguishes these two surfaces quickly and reliably: a green LED lights up on the air side, and a red LED blinks when the tin side is detected.

Thanks to its open contact output, it communicates with the production line's control panel, can trigger an audible alarm, or automatically stop the line. It delivers reliable results even on dark-tinted and anti-reflective glass, and eliminates human error through continuous automatic monitoring. It is offered with a compact version and Modbus protocol options; it is typically positioned on the line right after the washing machine, before processing.

This prevents defects caused by processing the wrong surface and avoids costly scrap. Helios Quartz (Italy) solutions, backed by deep expertise in quartz and glass technology, are supplied and supported by Concept Solutions.

Helios Quartz UV / IR Lamp Systems



Helios Quartz UV and IR (infrared) quartz lamp systems are high-efficiency solutions developed for industrial drying, curing, photopolymerization, heating, and disinfection applications. IR lamps provide fast, targeted heat transfer to dry paints, coatings, and inks in a short time; their quartz construction offers high radiant efficiency and durability. UV lamps enable the instant hardening of UV-curable inks and varnishes; they are also used in sanitation and disinfection applications.

High radiant efficiency and long operating life both increase production speed and keep energy consumption under control. Thanks to their modular design, they can be easily adapted to existing production lines and different process requirements. They are a reliable solution across a wide range of sectors, primarily glass, printing/screen printing, automotive, and general industry.

Helios Quartz (Italy) products, backed by decades of experience in quartz and lamp technology, are supplied with the assurance of Concept Solutions and engineered according to the application.

Triulzi Glass Washing and Drying Systems



Triulzi glass washing and drying systems are high-efficiency industrial lines that ensure the flawless cleaning of flat and coated (low-e) glass prior to lamination, coating and insulating glass production. The washing body is made entirely of stainless steel; the glass surface is precisely cleaned with water sprayed homogeneously through cylindrical brushes and nozzles. Drying is performed with high-pressure fan-fed stainless steel air knives, achieving complete dryness without leaving marks on the surface.

With models such as SY Low-Emission, Jumbo Size, Compact High Tech, Toscana and Mini, it offers a wide range of solutions from small glass of 45×45 mm up to jumbo sizes; an ultrasonic washing variant is also available. The operating speed is electronically controlled, monitored on a digital display, and performance of up to 60 m/min can be achieved. It can operate as a standalone unit or be integrated with insulating glass lines, vertical drilling, edging and straight-edge processing machines.

It is suitable for the requirements of sectors such as shower cabins, joinery, solar panels, automotive, white goods, pharmaceuticals and optics. Concept Solutions is by your side with its expert team for the selection, installation and technical support of Triulzi (Italy) solutions.



Bizimle çalıştığınız için teşekkür ederiz

Teklif ve siparişleriniz için bize ulaşın; şefinize özel çözümler geliştirelim.

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