

GLASS WORLD

INNOVATIONS



ABOUT US

We, the Glass World established in 2008 and now become No.1 glass trading company nationwide. Now we proudly introduce our new division as Glass World Innovations (GWI). This will be actively involved in processing glass and will provide integrated glass solutions to its extensive network of clients. GWI ensures the accurate fabrication of every order with respect to the international accepted quality control standards.

- A full line of value-added glass under the same roof
- A team of qualified experts
- A company at your service for over 10 years

Why chose usThe World-Class Machinery

Our production facility is equipped with machinery that is ahead of its time. The main processing machines such as the

- Automatic cnc cutting line (vetromac Italy)
- Tempering (Landglass, European Technology)
- Insulating (weili, china)
- Horizontal Washing and Drying Machine (GTA, Germany)
- Glass Edging Machinery (Enkong, China)
- Glass Drilling Machinery (Schraml, USA)



We are capable to process every type of glass, clear, colour, coated, Low E and all special coted Glass from the world best manufactures



GW-CUTTING MACHINES:

with our wide range of float glass cutting systems, CNC glass cutting machinery SL40-26VETROMAC is most renowned in the world and are more reliable, perform better and last longer because every single part is designed with 3D CAD technology, processed by CAD CAM and machined with a CNC Working Center.



First & Newest in Pakistan



GWI-SAFE TEMPERED GLASS

Tempered glass is approximately four times stronger than annealed glass of the same thickness. Under impact, it shatters into small Fragments that are not sharp, minimizing the risk of serious injury. Our tempered glass machinery is Land glass Jet Convection F&B Bi-directional Tempering Furnace which has certification by TUV, Germany. Which Can Tempered online & Off line (E= 0.02) Glass

Comparison of convection system.

Land Glass

Box Type

Competitors

Pipe Type

VERSES

Breakage Pattern



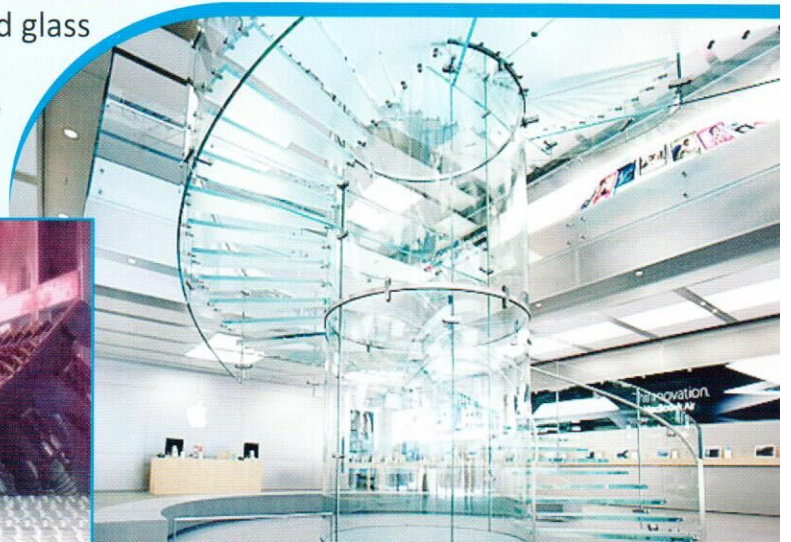
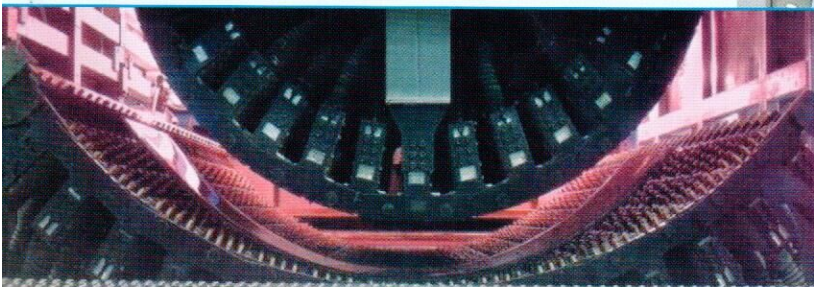
Annealed Glass

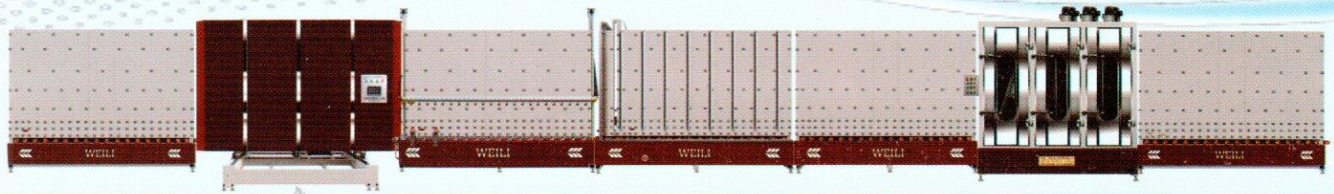


Tempered Glass

GWI-BENT GLASS

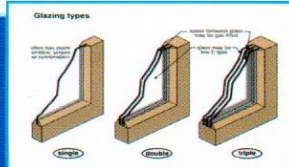
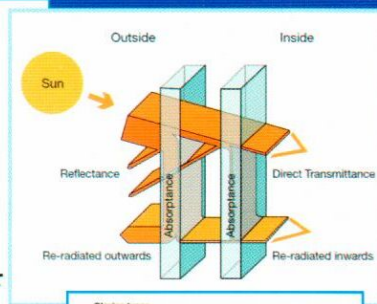
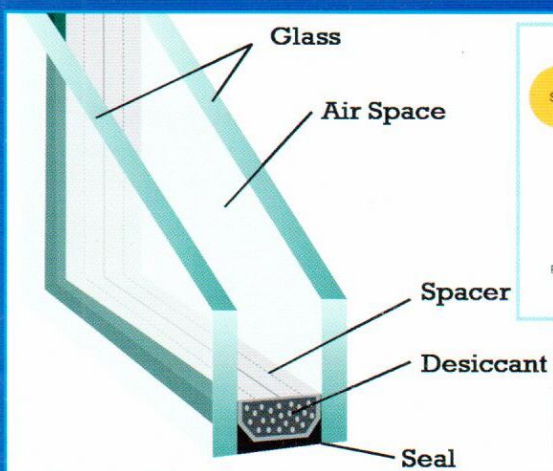
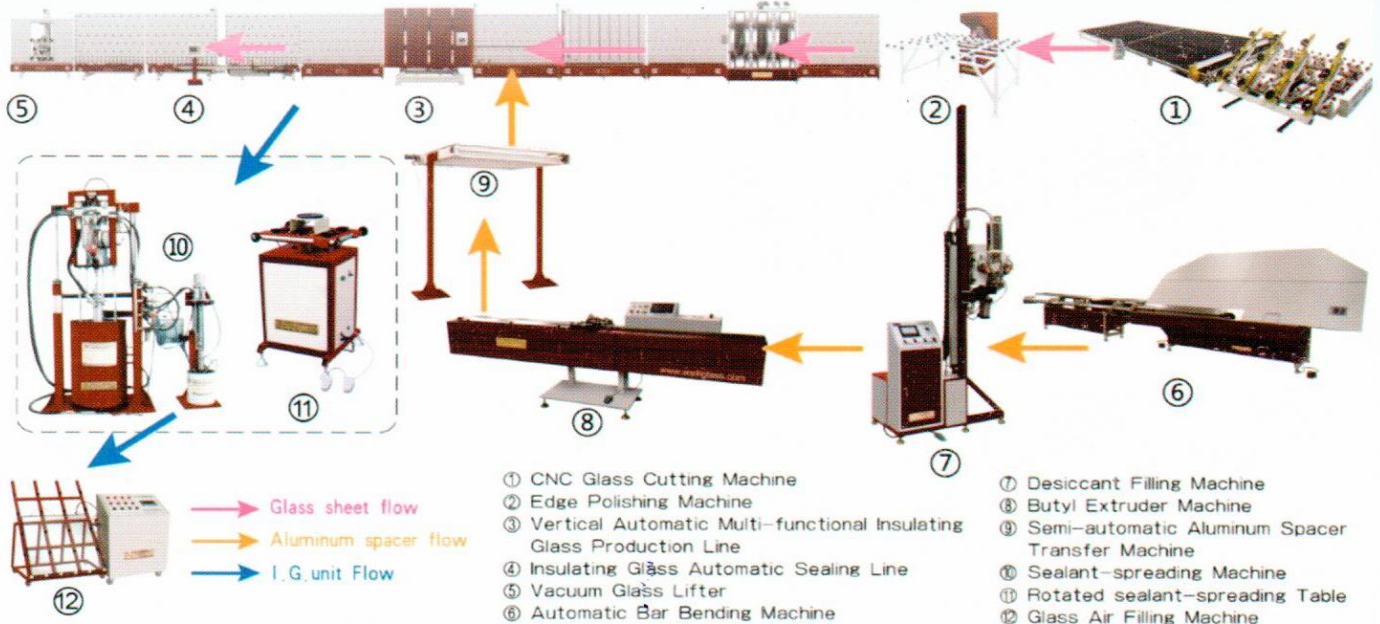
Architecture had never been so daring in recent times. GWI- realizes the unlimited potential of curved glass in today's industry and provide assistance and advice to architects, designers and developers on tapping the beauty and excitement of curved glass in their projects.





GWI-INSULATING GLASS

Insulating glass is a hermetically sealed assembly of two or three lites of glass separated by a space of dehydrated air. Sealed units can increase the energy performance of a building's windows to reduce heating and cooling costs.



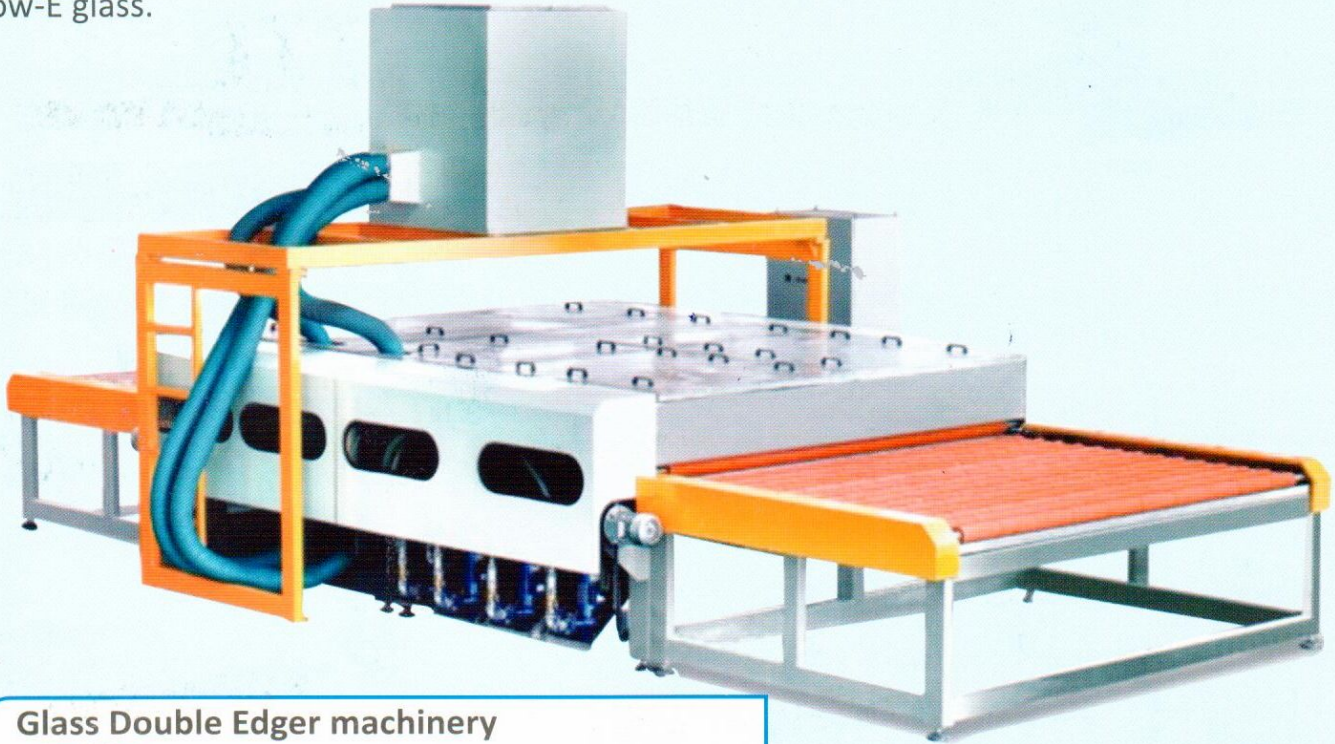
GWI-LAMINATED GLASS

Laminated glass is an assembly of one or more lites of glass and one or more interlayers, usually of polyvinylbutyral (PVB). This glass is treated under high pressure and intense heat. Once treated, these layers are perfectly bonded together to form a single monolithic panel of glass. Changing the quantity, type or thickness of laminated glass components allows us to design glass products containing specific properties.

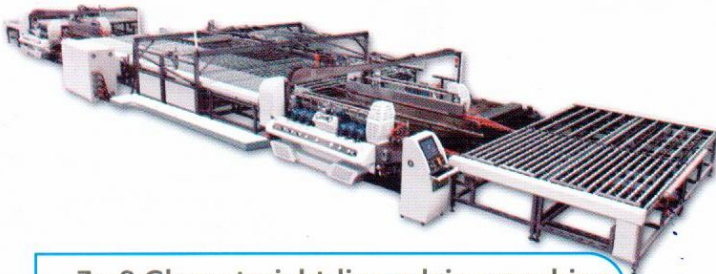
GWI- PREPROCESSING

GTA QX26 Glass washer & drier

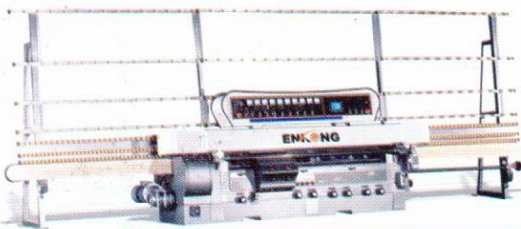
Glass washing and drying machine is used for cleaning and air-drying of flat glass panes. Machines can process various types available for different glass like float, coating and low-E glass.



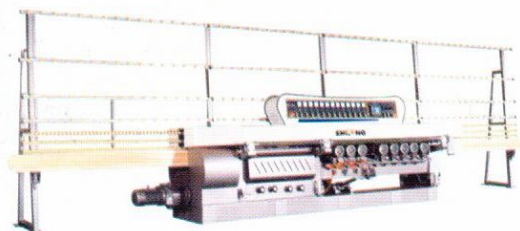
Glass Double Edger machinery



Zm9 Glass straight-line edging machine



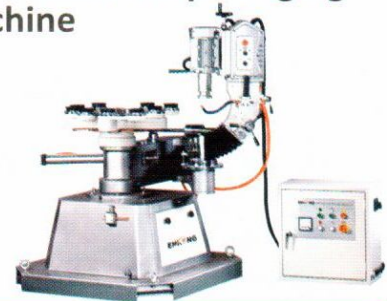
Xm354 Glass straight line bevelling machine



Zj130 Glass Horizontal Drilling Machine



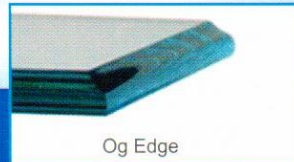
Yxm1 Glass Shape Edging Machine



Pencil Polished



Flat Polished



Og Edge



Beveled Edge

THE QUALITY PROMISE

Your glass quality is our passion!

European / British standards followed:

- EN 12150-2 Glass in Building. Flatness $\leq 2\%$.
- EN 1279 Glass in Building. Insulated Glass Units.
- EN 1096-1 Coated Glass American standards followed:
- ASTM C 1048 Standard specification for Heat-Treated Flat Glass-Kind HS, Kind FT Coated and Uncoated.
- ASTM C 1036 Standard specification for Flat Glass

Note: Some degree of bow, warp, roller wave distortion and strain pattern are inherent characteristics of heat-treated glass. Industry fabrication requirements, product tolerances and testing procedures for heat-treated glass are defined in the ASTM C1048 and the CAN/CGSB 12.1 standards.

WORLDWIDE TOP GLASS PROCESSORS WHO USING LANDGLASS FORCED CONVECTION TEMPERING LINE



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