



**NEW TRACK TUFF GLASSS PVT. LTD.**





## Chairman & Founder

MD Arpit Gupta, with 12-14 years of extensive experience in the glass line industry, stands as a prominent figure in the sector. He is the owner of New Track Tuff Glass Pvt. Ltd. and a partner in Shree Swastik Tuff Glass LLP, Swastik Tuff Glass Private Limited, and Mahalaxmi Glass & Aluminium. His visionary leadership and deep industry expertise have driven significant advancements and success across these enterprises, positioning him as a key influencer and innovator in the field.

MD Aniruddh Garg, with 5-6 years of extensive experience in the glass line industry, stands as a prominent figure in the sector. He is the co-owner of New Track Tuff Glass Pvt. Ltd. Looking ahead, He remains passionate about driving progress in the glass industry and is committed to leveraging his expertise to address global challenges through advanced materials science. Under his leadership, the company has become renowned for its innovative approach to enhancing glass durability and safety.

**I Am Thankful To All Our Clients For Their Support And Also To My Team, Without Their Commitment And Dedication We Wouldn't Have Achieved This Milestone.**

**I Am Very Confident That New Track Tuff Glass Pvt. Ltd. Will Make Its Mark In The Toughened Glass Industry In The Future.**

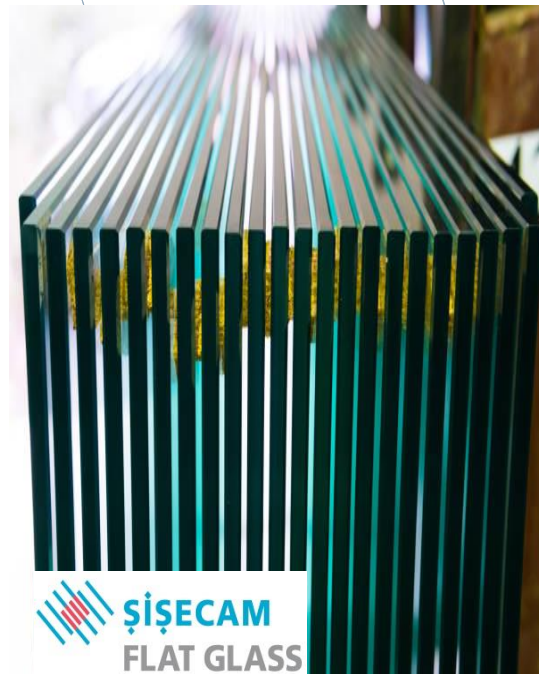
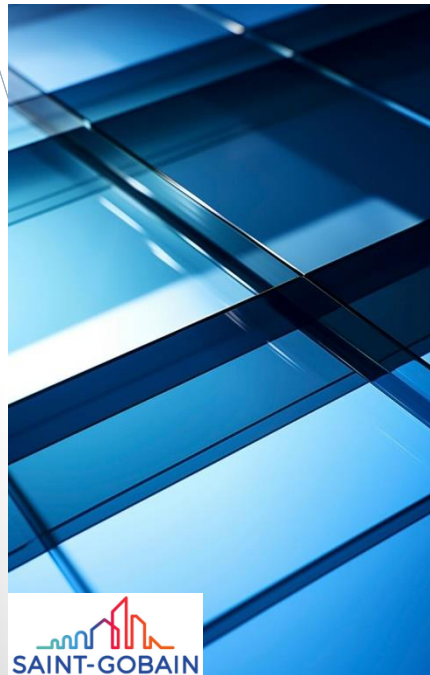
**We Look Forward To Your Association And Support.**



## Our Speciality Products

### ARCHITECTURAL

- Annealed Glass
- Tempered / Toughened Glass
- Heat Strengthened Glass
- Heat Soaked Glass
- PVB/SGP Laminated Safety Glass
- Insulating Glass/(DGU)
- Frosting Glass
- High Performance Glass
- Shower Guard





## CNC Glass Cutting Line With Auto Loader



The first step in processing any glass is getting the glass cut. CNC automated glass cutting saves labor, materials and increases productivity. Any regular and irregular shape drawn in AutoCAD with DXF file can be cut with high precision.

<b>Machine Process Capacity</b>
Maximum Size: 3210 x 6100 mm
Minimum Size: 100 x 100
Precision: 0.5mm
Loading Station: 4 nos
Scanning Option: Yes



## Horizontal Glass Washing Machine



Preprocessed glasses have burr, sludges and dirt on the surface so it needs to be washed. Our machine has three pairs of brushes (Ø160mm) with SS304 shaft. (Wash LOW-E glass, ordinary coated and solar coated glass without any scratch on surface). Machine blower has air filter in air inlet, big airflow and excellent drying effect. DM water is used to wash glasses.

### Machine Process Capacity

Maximum Size: 3000 x 5000 mm

Minimum Size: 100 x 100



## Flat Tempering Machine



Machine Name: FLAT TEMPERING MACHINE

Machine processing Capacity

Thickness: 5mm to 19mm

Maximum Size : 3050 x 6100mm

Minimum Size : 300 x 300mm

Type of Glass: Clear, Tinted, Ceramic frit, all reflective and low E glass (0.01 Emissivity)

Quality Standard complies : EN12150, ASTM1048C

### Toughened Glass

Toughened or tempered glass, is a type of safety glass that undergoes a thermal or chemical treatment to enhance its strength compared to regular glass. It is up to five times stronger than standard glass and, when broken, shatters into small fragments, blunt pieces, reducing the risk of injury. Its high thermal resistance makes it suitable for environments with extreme temperature changes. Commonly used in windows, doors, shower enclosures, automotive windows, and architectural applications, tough glass is valued for its durability, safety, and versatility..

### Heat Strengthened

The process is similar to that of toughening, however in this instance the glass is quenched at a slower rate. The result is lower compressive stress, increasing the strength to only twice that of annealed glass of equal thickness.



## Insulating Glass Unit / Double Glazing Unit



Machine Processing Capacity

Machine processing Capacity

Maximum Size: 2440 x 3660mm with single press  
and 2440 x 5000mm with double press

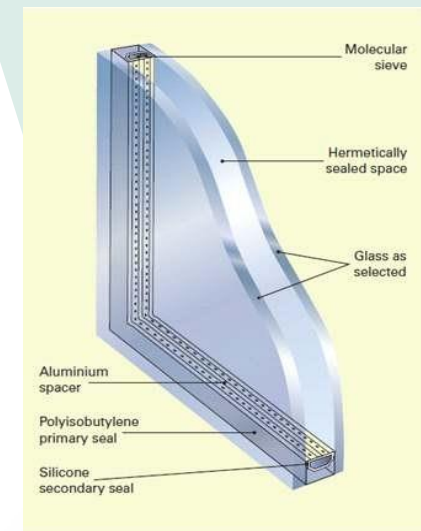
Maximum Size : 3000 x 6100mm

Minimum Size : 300 x 300mm

Step Glaze: 3 and 4 side step

Silicon Sealing: Robotic

Toughened glass is moved vertically along a conveyor through a washing and inspection process which ensures that the glass is thoroughly clean and free of defects. The hollow Aluminium spacer is then shaped to suit with a slug of polyisobutylene applied to both sides providing the primary seal and an excellent vapor barrier. The spacer, which is filled with molecular sieve (desiccant) to prevent condensation from forming after sealing, is positioned between the two panels of glass and then pressed together. Finally the silicone secondary seal is applied to the perimeter void around the unit





## EVA LAMINATION MACHINE



### Machine Processing Capacity

Maximum Size : 2440 x 3660 MM

Minimum Size : 300 x 300 MM

An EVA lamination machine applies a transparent, protective film of Ethylene Vinyl Acetate (EVA) to surfaces for safety glass. The process involves heating and pressing the EVA film to bond it securely, which helps the glass resist impact and shattering. This lamination method also improves the glass's resistance to UV light and moisture. The machine typically features precise temperature and pressure controls to ensure a high-quality, durable finish.





## COMPLETED PROJECT



## RUNNING PROJECT





Works



# **NEW TRACK TUFF GLASS PVT. LTD.**

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