



A REFLECTION OF YOUR TOUCH





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# VISION

## VISION

We see the world using environment friendly glasses which ensure safety and security along with its aesthetics. We want to assure that the use turns out to be economical to the end users.

## MISSION

To be the company whose quality of glasses and services can be unmatched.

# MISSION



# HISTORY

Jain Glass has started its business operation in Surat as trading and designing company of glass in 1993. As a part of diversification plan Jain Glass has introduced Jain Glass Solution as its processing plant in 2010 in Surat.

The plant has been built with latest processing technologies and state of art machinery and systems. With international standards, we temper various types of glasses such as clear glass, tinted glass, reflective glass, etc. We also make insulated glass unit (IGU).

Currently we have more than 50% of market share in South Gujarat and more than 75% share in Surat. So far, we have maintained our vision and mission with our value, experience and creativity and we will continue to do so.

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### Furnace

- Fully automatic double blower horizontal furnace is of North Glass.
- Accepted thickness range from 4 mm to 19 mm.
- Maximum accepted size of 2440 x 3660 .
- Average production capacity of 60 with 0.06 emissivity property.

### CNC Cutting Line

- Cutting line is of Bottero from Italy.
- Automatic loader has 600 kg weight capacity.
- Loader lifts the glass up to 4880 x 2770 mm.
- Automatic cutter cuts sheets of 4 mm to 19 mm thickness.



### CNC Single Edger:

- Two fully ball-bearing operated automatic single edger machines of Champion.
- Maximum edging size - 3660 x 2440 mm.
- Thickness ranges from 4 mm to 19 mm.
- Average edging speed - 120 sec per meter.

### CNC Double Edger:

- Two fully automatic double edger machine for crystal edging of glass from both opposite sides of Shunde Hiseng company from China.
- Maximum edging size- 2440 x 4220 mm.
- Thickness ranges from 4 mm to 19 mm.
- Average edging speed - 19 sec per meter.



### Insulated Glass Unit Line:

- Fully automatic DGU Line is of Han Jiang Company from China.
- Maximum glass size - 2450 x 3150
- Insulating glass thickness ranges from 10 mm. to 48 mm.
- Average conveying speed - 45 m/min.

Apart from these specific machines, to make production easy and fast we also have other supportive machines like washing machine, multi angle machine, auto drill machines and glass lifting section hanger. To fulfil the requirement of RO-Demineralize water at the plant we also have separate RO-Demineralize water plant of 1000 litter capacity per day.



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## PRODUCTS

### Tempered Glass:

#### What it is?

- Popularly known as 'Toughened Glass'.
- An annealed glass is heated to its softening point temperature of 600 C - 700 C degree celsius then it is moved for quenching. The quenching begins at a glass temperature of 400 C - 500 C The quenching cause compression on 20% surface area of glass and edges remaining 60% middle part develops stress zones as a result glass becomes stronger on surface and edges.

#### Advantages:

- It is 4 to 5 times stronger than an annealed glass & twice stronger than a heat strengthened glass.
- On breaking a tempered glass shatters into small size oval shaped pieces having blunt edges thus reducing possibility of human injury to a big extent.

#### Application:

- For glazing elevation, door, windows, partitions, and etc., wherever safety is required.

### Heat Strengthen Glass:

#### What it is?

- Heat Strengthened Glass is produced from annealed glass using lower air quenching pressure. The sudden cooling cause compression on glass surface and the edges and remaining part develops stress zones.

#### Advantages:

- It has twice themechanical and thermal strength of annealed glass of equal thickness.
- It can bare heavy wind load and thermal stress.

#### Application:

- In spandrel and/or vision areas whenever one needs better aesthetics.

### Insulated Glass:

#### What it is?

- Commonly known as IGU (Insulated Glass Unit) or DGU (Double Glass Unit).
- It is manufactured using two glass panes with an aluminium spacer in between filled with molecular desiccant creating still air/gas gap between the glasses. The aluminium spacer is placed and pasted in between two glasses using primary and secondary sealant and silicon.

#### Advantages:

- Offers superior barrier to the atmosphere temperatures and noise insulation according to glass's technical parameters.
- Thermal resistive quality of glass results into decreased load on air conditioning equipment of the room thus saves energy.

#### Application:

- For glazing, window, etc. wherever better performance is required.

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**Apart from these machinery products, we also facilitate other verity of products from our parent company Jain Glass such as,**

- Lacquered Glass (also known as Back Paint Glass)
- Artistic Decorative Glass
- Artistic Decorative Mirror
- Glass Bricks and Pillars
- Fittings and Hardware Solutions

**We also offer other various products.**

CANNAL WORKK  
SHOPPERS



IMPERIAL  
SQUARE

INTERNATIONAL  
COMMERCE  
CENTRE



KIRAN GEMS



WESTERN  
BUSINESS PARK



ROONGTA  
SHOPPING  
CENTER



ROYAL  
PARADISE

## OUR COMMITMENT

Since origination, JGS has established its goodwill in the market due to company's values, team effort and culture. We fulfil our commitment to our clients like,

- Perfect Product
- Punctual Delivery
- Proper Customer Service
- Proffering Greener Solution

4P's



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AA-15-C, SUSML Hojiwala Industrial Estate,  
Road No.10, Sachin Palsana Road, Sachin, Surat-394 230, Gujarat (INDIA)  
**Office:** +91 0261 2390 629 | **Fax:** +91 0261 2390 561

[www.jainglassolutions.com](http://www.jainglassolutions.com) | **E-mail:** [sales@jgs.co.in](mailto:sales@jgs.co.in)