

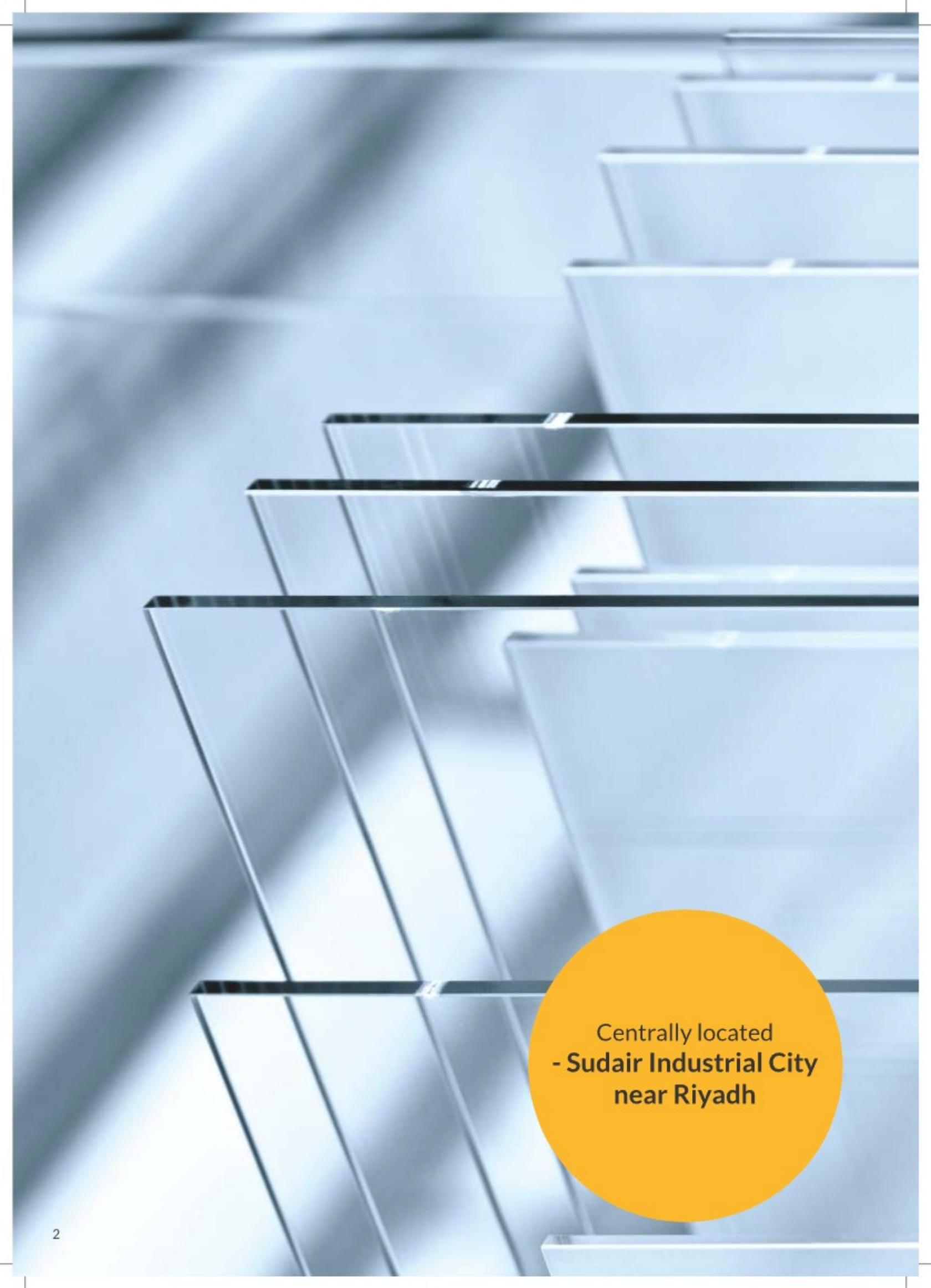


Your advanced
Glass Maker in
Saudi Arabia



KOMATE

Worldclass Quality Glass



Centrally located
- **Sudair Industrial City**
near Riyadh

Komate
Committed to Quality. Committed to You

Mission

To be the name of repute and trust in the regional market of glass solutions and allied products and emerge as the most reliable player and solutions facilitator for our customers by continuous improvement in terms of man, machine, technology, product quality and services.

Vision

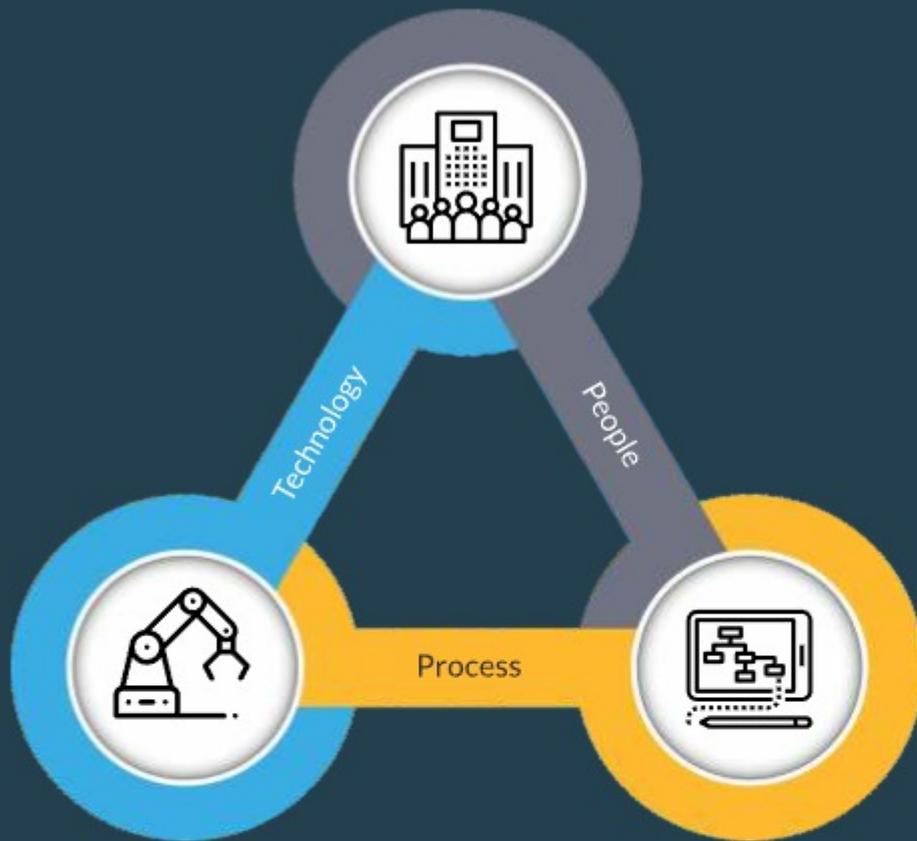
KOMATE'S vision is to "Strive for excellence". This byline captures KOMATE'S culture.

KOMATE'S products and services aim to delight our customers by helping them to obtain excellent products in terms of comfort, safety and security.

KOMATE'S corporate culture of merit and transparency brings best achievement of people who desire to excel in technology, knowledge, systems, customer relations and many more. **To transcend the ordinary.**

Our manufacturing facility continues to improve using
Six-Sigma Practices

Our Principles



The 3 pillars of People, Process and Technology are the foundation pillars of our existence

KOMATE has instituted a triad culture that has been the key focus from the start and is critical for reliable services delivery: People, Process & Technology.

People processes of selection, training, empowering and retention leads to business ownership and a disciplined approach towards assigned functions. The Process leg of the triad provides the roadmap and direction for our people to utilize our technology to address customer

requirements leading to satisfaction. Rather than merely being compliant with international standards, KOMATE is proud of the fact that the Quality Management System (QMS) has been audited externally and has processes in place for continuous improvement with the goal of providing consistent customer satisfaction for all types of glass that we make.

About Komate

A.N. Alodan & Sons Co. Glass & Aluminium Factory

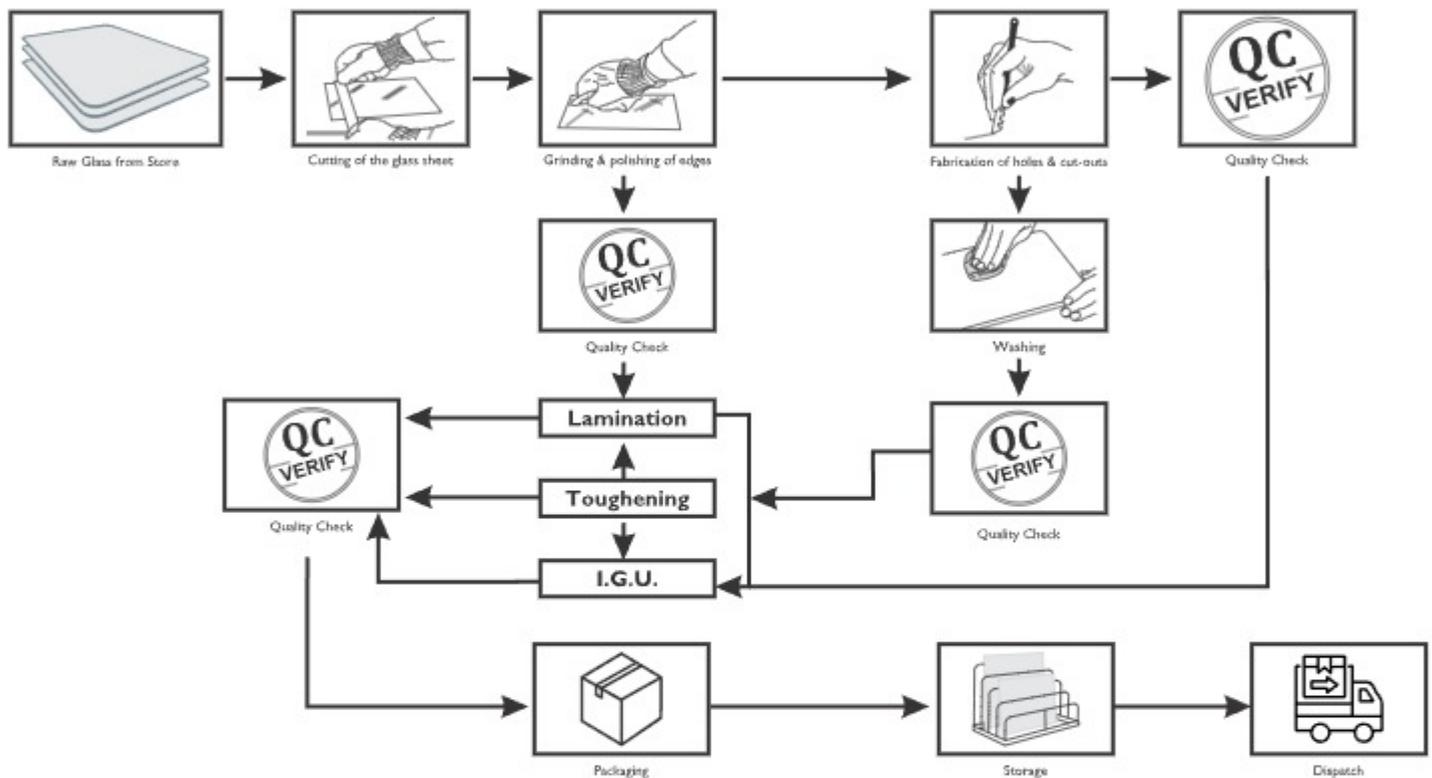


- Fastest emerging glass processing enterprise with extensive experience in the production and processing of glass.
- Fully automated production lines controlled by a highly sophisticated and customized ERP Systems from production control to web based real time ordering.
- Having one of the best equipment's and machinery for highest performance.
- One-stop-shop for all Glass requirements with high emphasis on world class quality, backed by research and testified by leading clients for products and service.

Plant 1

Auto Loader	CNC Cutting Machine	Polishing Line	CNC Work Station (Forvet)	Washing Machine (Triulzi)	KSR Line
<p>A fully computerized PLC/Analog Machine with touch screen operations from Lisec. Two Arms</p> <p>Max. Glass size it can lift 3300x6000 mm</p> <p>No. of lifting Location 4 x 2</p>	<p>From Lisec, Austria with edge deletion facility & scanning ability.</p> <p>No. of sheets 200/8 hrs shift</p> <p>Max. Glass size it can lift 3300x6000 mm</p> <p>Thickness 3 to 19 mm</p>	<p>An automatic pre-processing line integrated with washing machine having both double edgers and seamers.</p> <p>Size: 2500x5000 mm</p> <p>Thickness: 4 to 19 mm</p> <p>Volume: 6000 lm/8 hrs</p>	<p>An automatic CNC work station from Forvet, Italy</p> <p>Type of processing: holes, countersunk, cut-out and milling</p> <p>Size: 2500x4880 mm</p> <p>Thickness: 4 to 19 mm</p> <p>Volume: 5000 Lm/8 hrs</p>	<p>A machine from Triulzi, Italy with capability to do low-e and triple silver glass</p> <p>Width: 2500 mm</p> <p>Thickness: 4 to 19 mm</p> <p>Volume: 8000 Lm/8 hrs</p>	<p>A fully automatic vertical arising line from Lisec, Italy integrated with online washing capable to arise shape glasses</p> <p>Size : 2500x6000 mm</p> <p>Capacity: 1200 sqm/8 hrs</p>

Process Flow



Tempering Line (FC Series)

From Glaston, Finland equipped with top & bottom convection with ability to process low emissivity and triple silver glass

Size: Flat Glass: 2440x4880 mm

Thickness: 4 to 19 mm of glass.

Volume: The Installed capacity of line is 1400 sqm in 8 hrs.

Heat Soak Test Furnace from Blokkiln, Netherlands.

Capacity: 250 sqm/ 12 hrs

Insulated Glass Line

From Lisec, Austria with integrated robotic sealing and online gas filling with ability to do stepped units.

Size: 2500x6000 mm

Thickness: Up to 60 mm

Volume: 800 sq m in 8 hrs

Laminated Glass Line

From Handong, China, the line is fully automatic line with automatic cutting of PVB and heater section equipped with forced convection technology, thus having ability to process soft coated low-e glasses.

Size: 2440x5000 mm

Thickness: Up to 90 mm

Volume: 600 sq m in 8 hrs

Autoclave

From Akarmak, Turkey, one of the leading autoclave manufacturers equipped with vacuum bags.

Size: 3000x6000 mm

Volume: 800 sq m in 8 hrs

Back Painting Line

From one of the top renowned supplier of painting machineries i.e., GCV Glass machinery Spain. Line is fully automatic integrated with IR Dryer for defectless output of painted glasses.

Width: 1800mm

Capacity: 350sqm / 8 hrs

About Komate

A.N. Alodan & Sons Co. Glass & Aluminium Factory

Plant 2

Auto Loader

A fully computerized PLC/Analog Machine with touch screen operations from Lisee. Two Arms

Max. Glass size it can lift
3300x6000 mm

No. of lifting Location 4 x2

Tempering Line (Jet Stream RT)

From Cooltemper, UK equipped with top & bottom convection with ability to process triple silver low emissivity glass.

Size: Flat Glass: 2800x6000 mm

Capacity:
1900 sqm/8 hrs

CNC Cutting Machine

From Lisee, Austria with edge deletion facility & scanning ability.

No. of sheets : 200/8 hrs shift

Max. Glass size it can lift : 3300x6000 mm

Thickness : 3 to 19 mm

Insulated Glass Line

From Lisee, Austria with integrated robotic sealing and online gas filling with ability to do stepped units.

Size:
2500x4880 mm

Thickness:
Up to 40 mm

Volume:
800 sq m in 8 hrs

KSD Line

First Line in the Middle East

A fully automatic vertical arising line from Lisee, Italy integrated with online washing capable to arise shape glasses

Size :
2500x6000 mm

Capacity:
1200 sqm/8 hrs

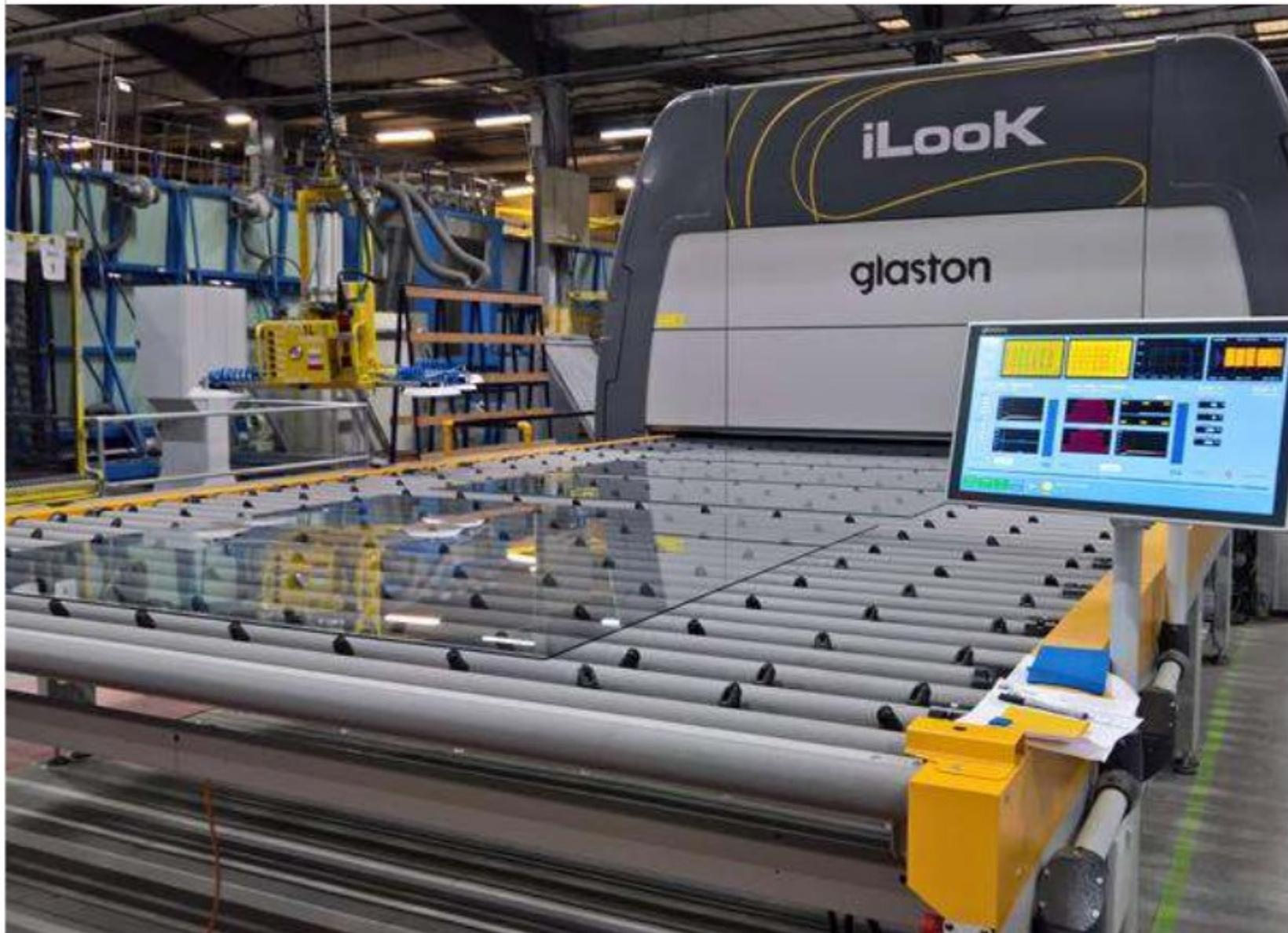
Digital printing (Vitro-jet FC8)

From Tecglass, Spain: one of the top manufacturers of digital printing lines and sister concern of Fenzi S.P.A. integrated with washing machine and IR Dryer to provide best quality printed glass.

Size: 2800x6000 mm

Capacity: up to 600 sqm/8 hrs

Capable to print any design, color variations, or opacities.



I look and Thermal scanner (in both plants for both tempering lines)

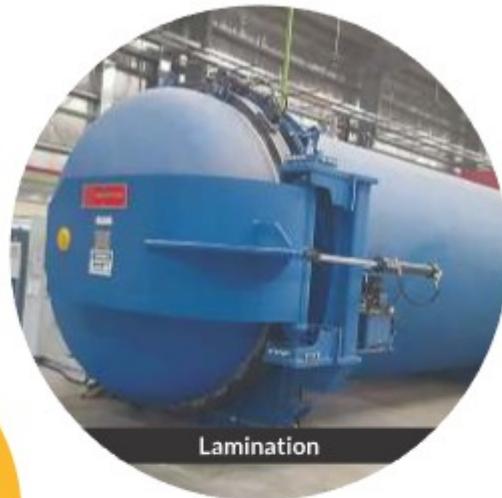
I look is an online glass quality measuring and anisotropy scanning system from Glaston, Finland. The system provides online inspection of tempered glass and gives real time acceptance parameters for:

- Roller wave, Pocket distortion, leading, trailing edge, and center kink.
- Bow and warp
- Anisotropy

Thermal Scanner in both tempering lines gives real time thermal imaging of the glass coming out from furnace and direct PLC to make suitable changes in heater profile to produce best optical characteristics in the glass.

The Best Technology of Today

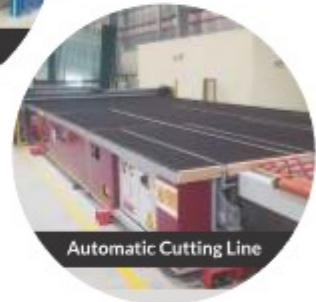
Ready for Tomorrow



“ Factory Area
- 30,000 sq.
meters ”



“ Capital Investment
of over
80 million
Saudi Riyal ”



Technology Partners

LISEC

AUSTRIA

FORVET

ITALY

glaston

FINLAND



CHINA

TRIULZI

ITALY



TURKEY



NETHERLAND



ITALY



BELGIUM



TECGLASS



“ Ability to produce 1 million sqm of DGU per year. ”

150 experienced and qualified professionals

“ 24x7 customer service mind-set ”



Sandblasting - Dynamiki



Trulzi Washing



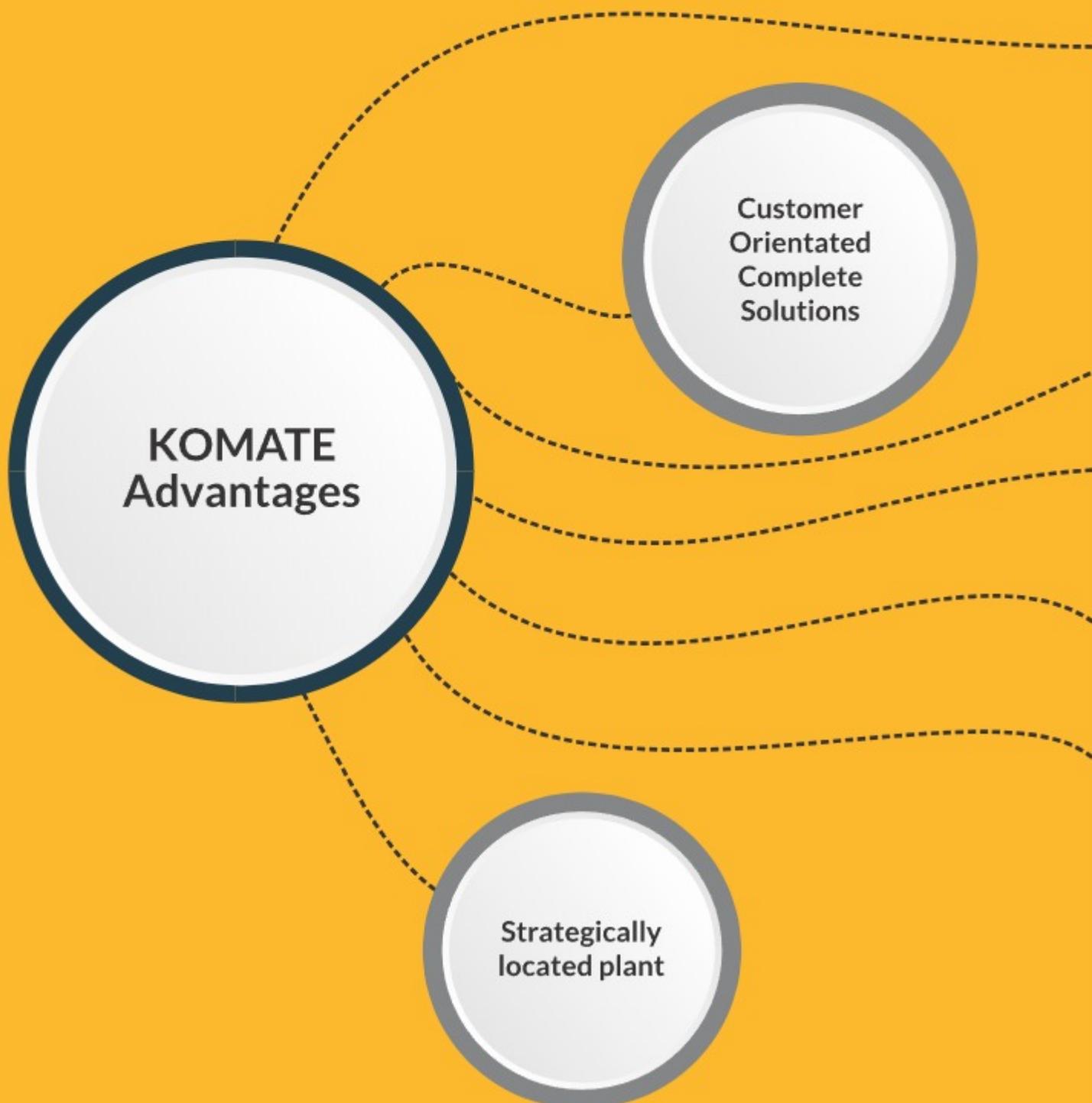
CNC Workstation



Automated Loading Station

Our Key Differentiations

KOMATE Advantages



**Audit trail
and
quality control**

**State of the art
technology with
automated pre-processing
requiring near zero
handling.**

**On-Time
delivery**

**Online ordering
system with
real-time tracking**

**Sustained durability
by providing
best of the
product quality**

KOMATE Glass Product Range

Tempered Glass



- Clear Tempered Glass
- Ultra-Clear Tempered Glass
- Tinted Tempered Glass
- High Performance / Double Silver / Triple Silver Low-e Tempered Glass

Heat Strengthened Glass



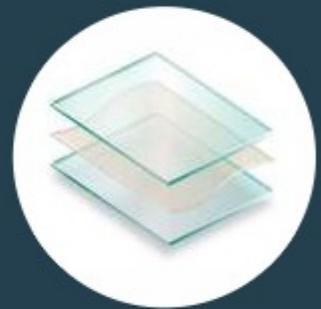
- Clear Heat Strengthened Glass
- Tinted Heat Strengthened Glass
- High Performance / Double Silver / Triple Silver Low-e Heat Strengthened Glass

Insulated Glass



- Double glazed Units
- Triple glazed units
- Insulated glass Units with low-e high performance glasses.
- Insulated glass units with up to 4-side stepped
- Insulated glass Units with Argon Gas
- Insulated glass Units with U Insert and Schuco Spacers

Laminated Glass



- Single Laminated Glass.
- Multi Laminated Glass.
- Laminated with Acoustic PVB.
- Laminated with SentryGlas Interlayer.
- Laminated Glass with Colored PVB.



Ready to conform to every demanding application

- 1 Wall partition
- 2 Wall Cladding
- 3 Facade
- 4 Window
- 5 Balustrade
- 6 Spandrel
- 7 Door



Heat Soaked Glass

- Tempered Heat Soaked Glass



Printed Glass

- Roller Coated / Digital Printed Tempered / Insulated / Laminated Glasses



Ballistic resistant

- A laminated bullet-resistant glass solution – consist of a multi-layer lamination of various interlayer films and glass panes resisting different classes of handgun, rifle, shotgun and AK-47 assault rifle munitions.
 - Certified to EN 1063
 - Covering bullet-resistance classes BR5, BR6, BR7 and NIJ0108.01 Level III
 - Withstands shot-gun classes SG1 and SG2
 - Available with non-splintering (NS) option
 - Countless multifunctional options



Fire Resistant

- Ceramic Fire-Rated glass available in both Non – Impact and Impact category
Complying to h UL 9, UL 10B, UL 10C, NFPA 80, NFPA 252, NFPA 257, CAN4 S-104, and CAN4 S-106 & BS 476-20
- Fire rated from 20 min to 180 min.
- Can be combined with coated glass to have fire rated and thermal performance characteristics.
- Meets ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and II) for Impact Category (Firelite NT)

Tempered Glass



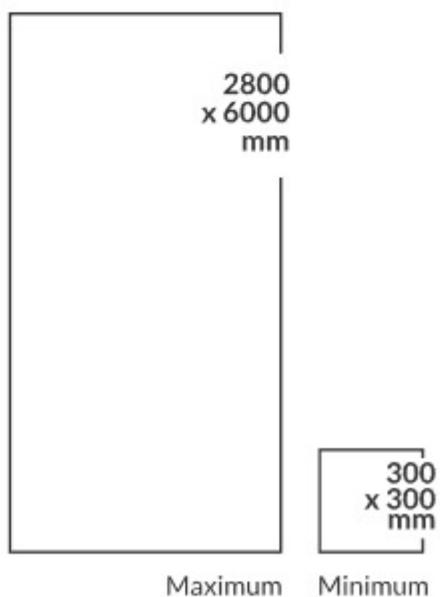
Thickness

✂ 4 mm to 19 mm

Product Range

- Clear Tempered Glass
- Ultra-Clear Tempered Glass
- Tinted Tempered Glass
- High Performance / Double Silver / Triple Silver Low-e Tempered Glass

Available Sizes



Technical Specifications

Properties	Annealed Glass	Tempered Glass series
Bending Strength / Tensile Strength	20 - 40 N/mm ²	120 - 200 N/mm ²
Compressive Strength	20 - 50 N/mm ²	80 - 120 N/mm ²
Thermal Stress resistance	Low	5 to 6 times that of annealed glass
Thermal Endurance	Temperature differential of 28 to 38 degree Celsius	Temperature differential of 180 to 220 degree Celsius
Mechanical or Impact Resistance	230 gm steel ball breaks a 6 mm annealed glass when dropped from 50 cm height. 500 gm steel ball dropped from 30 cm will break 8mm annealed glass	230 gm steel ball cannot break 6 mm clear tempered glass when dropped from 350 cm height 500 gm steel ball dropped from 2 meters will not break 8 mm clear tempered glass.
Breakage Pattern	Large harmful pieces, no fixed pattern	Small harmless pieces with dulled edges. 2 square inch of 5 mm clear tempered glass will break into more than 45 harmless pieces

Product Range

Clear Tempered Glass:

It provides safe breakage characteristics. Ideally suited for critical locations where safety is important such as doors, side panels and glazing at low levels.

Extra Clear Tempered Glass:

Low Iron Oxide Extra Clear Tempered Glass provides extra vision, higher light transmission.

Tinted Tempered Glass:

It improves aesthetics and decrease reflection.

Reflective tempered Glass:

It is a high performance hard coat / soft coat reflective tempered glass that reduces heat gain inside buildings, reduces glare, and provides better working environment.

Low-e Tempered Glass:

High Performance Low Emissivity reflective tempered glass performs better than reflective tempered glass in terms of light transmittance and heat gain.

Frosted tempered Glass:

A Clear Tinted rough body, figured float or other translucent tempered glass that can be used at places where translucent light, safety and privacy is of utmost importance.



Furniture



Commercial Use



Construction



Home Appliances

Heat Strengthened Glass



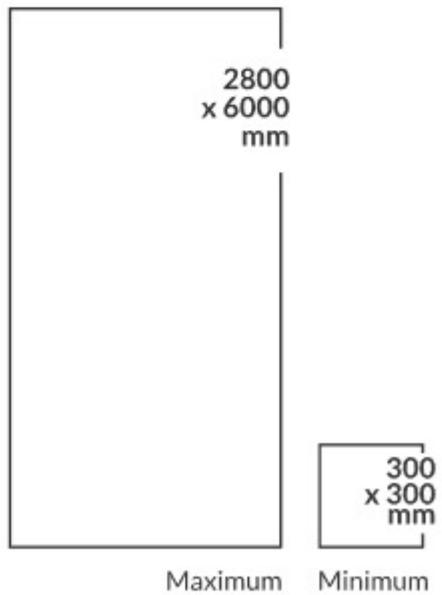
Thickness

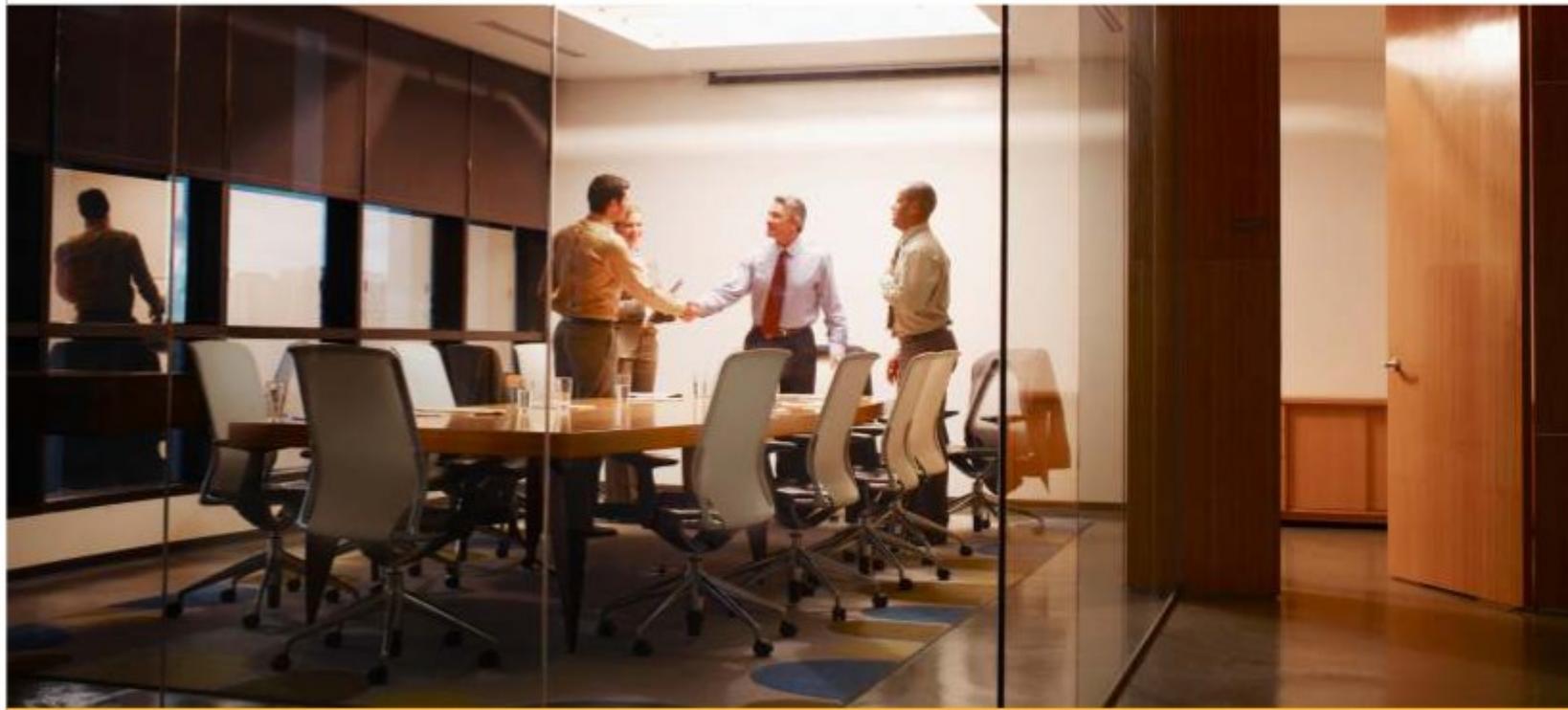
✂ 4 mm to 19 mm

Product Range

- Clear Heat Strengthened Glass
- Tinted Heat Strengthened Glass
- High Performance / Double Silver / Triple Silver Low-e Heat Strengthened Glass

Available Sizes





Technical Specifications

Properties	Annealed Glass	Heat Strengthened Glass
Bending Strength/Tensile Strength	20 - 40 N/mm ²	50 - 70 N/mm ²
Thermal Stress resistance	Low	2 to 3 times that of annealed glass
Thermal Endurance	Temperature differential of 28 to 38 degree Celsius	Temperature differential of 100 to 150 degree Celsius
Mechanical or Impact Resistance	230 gm steel ball breaks a 6 mm annealed glass when dropped from 50 cm height.	230 gm steel ball cannot break 6 mm clear heat strengthened glass when dropped from 150 cm height
Breakage Pattern	Large harmful pieces with sharp edges	Large pieces with dulled edges

Applications

It can be used for general glazing where additional strength or resistance is required for mechanical / thermal loads caused by certain tinted or coated glass. The glass can also be used in high wind load areas, but cannot be used in any safety glazing

applications, due to its breakage pattern similar to annealed glass. Heat-strengthened glass is widely used in laminated glass for additional strength, such as in overhead and sloped glazing or where the minimum optical distortion is of utmost importance.



Higher thermal endurance Areas



Higher temperature variation Areas

Heat Soaked Glass



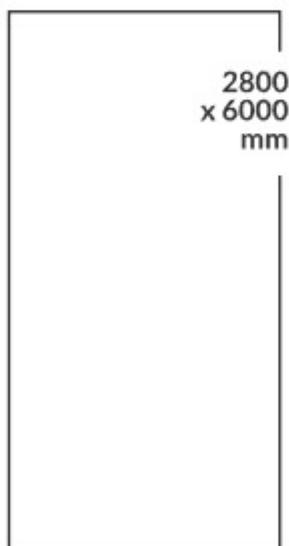
Thickness

✂ 4 mm to 19 mm

Product Range

➔ Tempered Heat Soaked Glasses

Available Sizes



Maximum

Minimum



Product Range

Up to 95% NiS infected panes are usually destroyed at factory itself.

Due to inherent safety and security benefits, it is highly recommended for tempered glass to be heat soaked in applications where consequences of breakages are high.

Minimizing NiS Fractures:

Making sure that fractures happen within the factory rather than at site after installation.

Applications

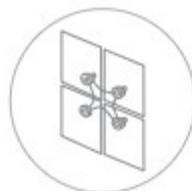
The use of heat-soaked tempered glass is recommended where the risk of spontaneous breakage would cause difficulty, either from a replacement point of view, or where falling glass fragments may be harmful, such as roof or high level glazing, balustrades, screens and high level curtain walling.



School Façade



Hospital Façade



Spider Fittings

Insulated Glass



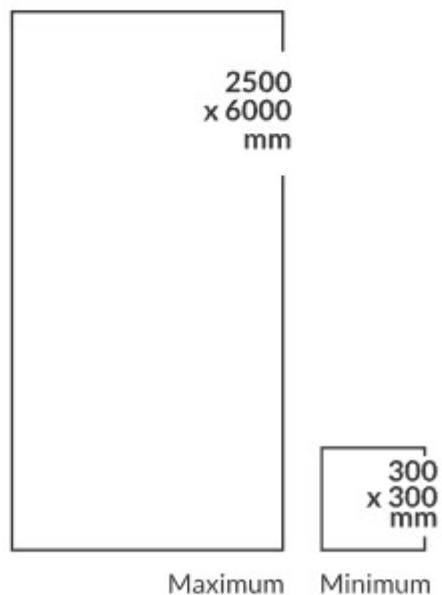
Thickness

✂ up to 60 mm

Product Range

- Double glazed Units
- Triple glazed units
- Insulated glass Units with low-e high performance glasses.
- Insulated glass units with up to 4-side stepped
- Insulated glass Units with Argon Gas
- Insulated glass Units with U Insert and Schuco Spacers

Available Sizes





Product Range

Clear Insulated Glass:

Mainly used in Facades, windows, partitions and display glazing, Komate Clear insulated glass is perfectly suited to places where banning solar heat, acoustic insulation and high visibility is the requirement.

Tinted / Reflective Insulated Glass:

It provides higher insulation from heat produced due to direct and indirect solar incident energy and due to conduction / convection and long wave infrared radiation.

Super safe and silent Insulated Glass:

The special properties of this glass are its very high acoustic and heat insulation capabilities that confirm to BS 5713, EN 1179, IS 11907, 11050, 9901 and 3792. It lowers U Value by 50% and gives total insulation from UV, Noise and burglary. It is used extensively in high noise pollution and high safety areas like airports, hospitals, railways etc.

This glass is also highly preferred in meeting rooms, board rooms, restaurants, pharmaceutical labs, covering of boiler / blower rooms, Yoga and meditation centers etc.

Low-e high Performance Insulated glass units

Low-emissivity glass is a type of energy-efficient glass designed to increase the heat insulation of your windows.

By Installing Low-e windows, you can significantly improve your Building Energy Ratings and reduce the amount of energy lost through your glass by 75%.

Applications

Insulating glass (IG) units are used in a wide range of applications including:

Commercial/Residential fixed & Openable Windows, Curtain walls, Storefronts, Sloped/overhead glazing, Non-vision (spandrel) locations.



Refrigeration Industry



Windows & Partitions



Facades

Laminated Glass



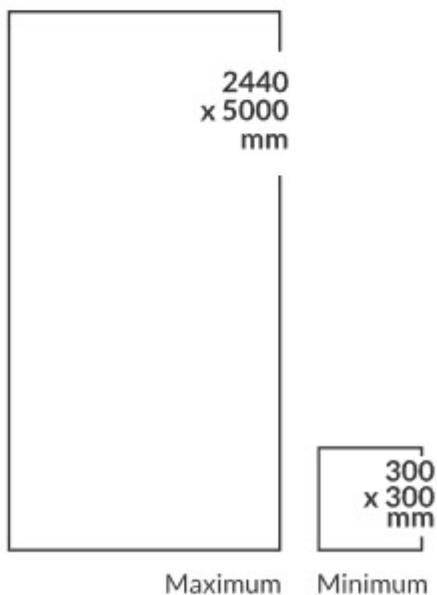
Thickness

✂ Upto 90 mm

Product Range

- Single Laminated Glass.
- Multi Laminated Glass.
- Laminated with Acoustic PVB.
- Laminated with SentryGlas Interlayer.
- Laminated Glass with Colored PVB.

Available Sizes



Technical Specifications

Type of Glass	Nominal Thickness	Weight (Kg /m2)	Weight Type of firearm(Kg /bullet)	Ammunition type	Test range	Bullet Velocity (m/s)	No. of strikes
19 mm Clear Tempered	19	47	Handgun / SoftCore	0.22 Caliber	10 m	400 ±10	Fail
Toughened Laminated	19	44	Handgun / SoftCore	0.22 Caliber	10 m	400 ±10	Fail
Toughened triple laminate	19	44	Handgun / SoftCore	0.22 Caliber	10 m	400 ±10	3
Toughened triple laminate	23	53	Handgun / SoftCore	0.357 magnum	10 m	430 ±10	3
Toughened triple laminate	13	31	Rifle / Round nose	0.22 LR	10 m	360 ±10	3

Product Range

Clear Laminated Glass:

This type of laminated glass is a laminated glass made of two or more panes of Clear glass bonded together with clear PVB interlayers. By using different glass types, and varying the number of interlayers, it can deliver a wide range of performance benefits. When there is a breakage, laminated glass does not shatter and holds together, reducing the risk of injury. Laminated glass can be made from.

- Annealed (float) glass.
- Toughened glass: It is called toughened laminated glass. It increases safety by holding the shattered pieces in place when broken.
- Toughened and heat-soaked glass.
- Heat strengthened.

Laminated glass holds the advantage of being extra strong and secure, ability to have up to 99% of UV protection and acoustic performance.

Laminated glass with acoustic PVB:

Laminated glass with Acoustic PVB is laminated glass with an advanced interlayer (Trosifol SC Monolayer) that significantly improves performance in sound reduction. It is used in applications ranging from residential housing to public buildings such as airports, hospitals, hotels and educational facilities -- anywhere noise can affect occupant comfort. The glass delivers a Sound Reduction Factor (Rw) of up to 54 decibels (dB) in triple glazing and 52dB in double glazing. In addition to acoustic performance, laminated glass with acoustic PVB offers all the benefits of standard laminated glass, including safety, security and UV protection. When combined with coated glass it also offers improved solar control and thermal insulation, light transmission, appearance, and clarity.

SentryGlas Laminated Glass:

Laminated glass with SentryGlas (Ionoplast Interlayer) provides increased structural properties, making the laminate ideal for special applications such as structural glass walls, fins,

canopies, balustrades, floors, and some security applications. These structural laminates are so strong and stiff ; that they can hold a toughened laminated panel together even if both panes are fractured. In some cases, they can be bonded to metal so special stainless steel fittings can be bonded into the glass, via holes and notches. They are normally very stable at the edge from moisture attack, but care is required with sealants. Laminated Toughened Structural Safety Glass is manufactured to order and custom made. It can also be used in applications where extreme security requirements are there such as applications where resistance to Hurricane, Tornado, Typhoons is required or glazing required is supposed to be anti - intrusion, Ballistic resistant or bomb blast resistant.

Laminated glasses with coloured PVB:

The product enables decorative effects using different coloured interlayers with different opacities. A wide variety of interior and exterior designs and effects can be achieved to fulfil the desires of architects and their customers. There are many ways to decorate laminated safety glass using coloured PVB / Using digital printing with clear PVB. Our brilliant colors offer unique colour fastness in indoor and outdoor applications, while giving applications an expression of strength, clarity, and unique character. These advanced capabilities mean that engineers, designers, and architects can save energy, increase safety, and conceptualize with greater design freedom.

Komate Laminated Glass:

- Confirms to SGCC standards and complies with ANSI Z97.1 2015(R2020), CPSC 16 CFR 1201-2016, & CAN/CGSB 12.1 2022 Standards
- Neutral PVB used by Komate is always Ultra Clear PVB
- Available with Sentryglas (Ionoplast Interlayer) & Acoustic PVB
- Can be produced with various options such as colored PVB, digital printed glass...etc.

Printed Glass



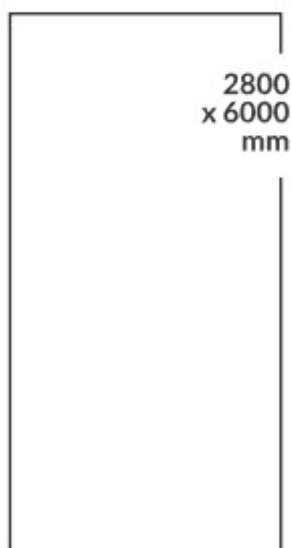
Thickness

✂ 4 mm to 19 mm

Product Range

➔ Roller Coated / Digital
Printed Tempered / Insulated
/ Laminated Glasses

Available Sizes



Maximum

Minimum



Product Range

Appearance:

Ceramic printed glass offers great variety of creative design options. In addition to the standard range, virtually any pattern or design can be screen-printed onto the glass.

Solar control:

Depending on the colour and density of the screen-printed pattern and the type of glass used, ceramic printed glass provides or enhances the solar control performance of the glazing.

Protection against glare:

Depending on the pattern and its distribution over the glass, ceramic printed glass acts as a filter against direct sunlight and helps reduce glare.

Aesthetic:

One major application is hiding the spandrel panels in a building (spandrel panels are the area between the floors, which has the concrete or the piping which is visible if glass is used). Spandrel panels are designed specifically for use in non-vision areas such as floor slabs, false ceilings, internal walls and columns. Ceramic printed glass acts as a cover to such an area, and also has an additional quality of improving the overall aesthetic of a building.

Applications

Splashbacks

Wall panels

Corporate signage

Advertising Panels

Shower panels

Art installations

Shop fit outs

Bus Shelters



Advertising Panels



Bus Shelters

Quality Policy

Transcend the Ordinary

To provide utmost satisfaction to the customers, shareholders, suppliers, employers and society.

Giving accurate and reliable results confirming to national / international standards.

Communicate the company's quality statement & objective to all personnel and to involve every employee as active participant in the process of continual improvement.

To provide professional & honest services adhering to the highest level of business ethics.

Updating the skills of personnel through training.

Comply with requirements of certification bodies conducting periodical external audits to ensure quality and specification compliance.

Tests carried out during Processing

Tempered Glass

1. Dimensional test for length & width of cut size
2. Test for Visual Defects
3. GASP Surface Stress, Roller Wave & Edge Lift Measurements
4. Resistance to shock test
5. Impact Resistance Test
6. Fragmentation test
7. Glass Color Measurement by Spectrophotometer

Insulated Glass

1. Dimensional test for length & width of cut size
2. Test for Visual Defects
3. Condensation Test
4. Heat Gain Test
5. Shore A Hardness Test
6. IGU gas Concentration measurement device

Laminated Glass

1. Dimensional test for length & width of cut size
2. Test for Visual Defects
3. Light Stability Test
4. Boil Test
5. Fracture and Adhesion Test



Certifications & Approvals

Certifications / Supplier Validations



Enterprises Resource Planning & Maintenance Management



Enterprises Resource Planning

Komate had invested in state of art Enterprises Resource Planning system from Lisec, Austria to implement state of art systems and real time order status to its customers. Our ERP System consists of following modules:

Order Management

- Quotation Management
- Order Management
- Purchase management
- Warehouse & Inventory management
- Delivery and logistics management
- Invoicing

Maintenance management

The goal of maintenance management is to control the allocation of resources, time and costs to ensure the efficiency and adequacy of the maintenance operations, avoiding waste of resources or even periods of downtime due to faulty equipment.

Komate has comprehensive scheduled preventive and predictive maintenance schedules to ensure smooth and uninterrupted operations. We have configured all our

Production Management

- Production Planning
- Optimization
- Label management and printing solution
- Identification and traceability using online terminals
- Quality management and audit trails

ECom

- Web based Online ordering
- Quote and order status
- Real time order status
- Delivery and logistics update

machineries and spare parts assets in upkeep maintenance management software to organize maintenance schedule requests.

It helps us to manage

- Preventive maintenance
- Corrective maintenance
- Predictive maintenance

Major Projects Supplied by Komate Glass

Project Name	Area/ Sq.m.	Glass Application	Glass Type
Lasen Valley - Riyadh	60,000	Structural Glazing	Sunguard SN 40 T & DS Grey T
Amaad Business Park (KFUPM & Aramco), Dhahran	30,000	Structural Glazing Heat Soaked with Shucho Spacer, Argon gas & Skylight	Stopray Grey Ace T & Stopray Vision 72
World Defense Show Exhibition, Riyadh	12,000	Structural Glazing L-DGU Shaped glass	Sunguard DS Grey T
King Salman Airbase Salboukh & Dirab, Riyadh	15,000	Structural Glazing & Skylight	Sunguard DS Grey T
Northern Border University, Engineering College	7,000	Structural Glazing & Skylight	Sunguard HP Green 50
Municipality Tower, Al-Qassim	9,000	Structural Glazing	Guardian HD Plus Blue with Low-E N70
Crown Plaza Hotel, Riyadh	12,000	Structural Glazing Heat Soaked & Black Spacer	AGC Stopray Blue Ace & Vision 72
Solitaire Mall, Riyadh	16,500	Skylight & Internal Curtain Wall L-DGU	Sunguard DS Grey T & Climguard Neutral 70
Amala Staff Village Phase-1, Red Sea	7,000	Windows with Argon & Black Spacer	AGC Stopray Grey Vision 36 T
Amala Staff Village Phase-3, Red Sea	13,000	Windows with Argon & Black Spacer	Sunguard SN Grey 50 T
AL-Olayan (Long Term Acute Care) Hospital, Riyadh	10,000	Structural Glazing & Internal Curtain Wall	Sunguard DS Grey T
AL- Qassim Airport Extension	4,000	Structural Glazing	Sunguard DS Blue T
Dallah Hospital, Namar, Riyadh	4,000	Structural Glazing	Sunguard SN Grey 40 T
King Faisal University, Social College	4,000	Structural Glazing L-DGU Heat Soaked Glass with Spider Fitting	Sunguard DS Blue T
MOI, Southern Border Housing	40,000	Structural Glazing Heat Soaked Glass with Warm Edge Spacer & Argon Gas	Guardian HD Bronze + Climaguard Sun T
DQ Mall (1364 ah), Diplomatic Quarter, Riyadh	6,000	Structural Glazing with Argon Gas	Sunguard SN 50 T
Al-Andalus Mall, Jeddah	6,000	Structural Glazing with Argon Gas	Stopray Vision 51 T
Al-Saadah Mall, Riyadh	5,000	Structural Glazing	Sunguard SN 40 T
Novotel Hotel, Riyadh	7,000	Structural Glazing L-DGU with Acoustic PVB, Warm Edge Spacer & Argon	Sunguard HP Neutral Plus 50
AL-Narjis View Mall	5,500	Structural Glazing	Sunguard DS Silver T
AL-Ojaimi Tower	6,000	Structural Glazing	Sunguard DS Bronze T
Chamber of Commerce, AL Madinah	4,000	Structural Glazing	Sunguard DS Bronze T
Neom Base Assets Buildings	4,000	Structural Glazing	AGC Stopray Vision 40 T
GACA HQ, Riyadh	9,000	Structural Glazing	Sunguard DS Grey T
Riyadh Metro, Internal Work	10,000	Balustrade ,Laminated with Ultra Clear PVB & Sentryglas interlayer	Clear & Ultra Clear Glass
Pure Complex, Riyadh	8,000	Structural Glazing , Skylight & Balustrades	Stopray Vision 51 T
Madac Academy, AL Madinah	3,500	Curtain Wall, Windows, Doors, Balustrade	Sunguard HP Silver 35
Misk Schools	7,000	Structural Glazing, L-DGU with Black spacer and Silicone Groove	Sunguard SN 50 T
AL-Edwan Tower, Riyadh	5,500	Structural Glazing	Sunguard DS Steel Grey
M.O.H. Makkah Hospital	17,000	Structural Glazing	Sunlux Dark Green Chroma
Venan & AL-Jawhara Housing (Jeddah & Makkah)	2,00,000	Windows	Guardian HD Plus Grey T
Noem Staff Accomodation	20,000	Windows	Climaguard Neutral 70
Red Sea Development Accomodation	30,000	Windows	Guardian HD Blue with Neutral 70
Diyar Al-Hasa Housing, Estern Region	15,000	Windows	Sunguard DS Bronze T
NHC Housing Projects (Jeddah, Qassim, Al Hasa)	30,000	Windows	Guardian HD Grey with Low-e N70
Maskan Heights, Riyadh	35,000	Windows	Guardian HD Plus Grey T



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