

NorthGlass Official Website

NorthGlass Facebook

NorthGlass Group

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NorthGlass stock code: 002613

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NorthGlass Group

World's Leading Supplier of Glass Processing Solutions & Processed Glass











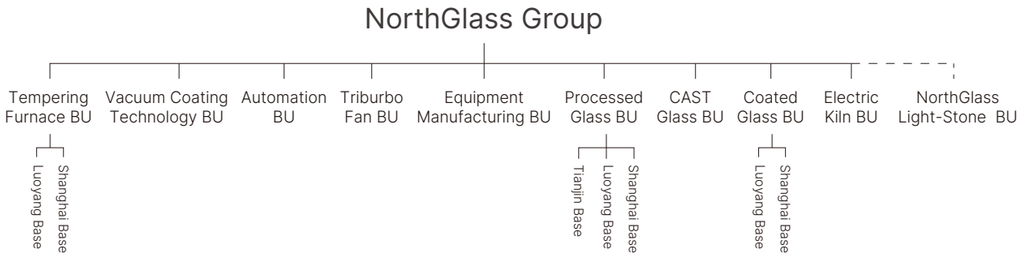
Luoyang North Glass High-end Equipment Co., LTD. (This production base covers an area of 340,000 m² with a building area of 220,000 m²)

High-end Equipment Industrial Park "Wanli" VIP Building

Shanghai North Glass Technology Industrial Co., Ltd.

Tianjin North Glass Technology Industrial Co., Ltd.

Luoyang North Glass Triturbo Fan Technology Co., Ltd.



About Us

Founded on May 18, 1995, by Chairman Mr.Xueming GAO, Luoyang NorthGlass Technology Co., Ltd. (NorthGlass) is a pioneer in the global glass industry. Headquartered in the Luoyang National High-Tech Industrial Development Zone, we specialize in the R&D, design, manufacturing and sales of glass processing equipment and value-added processed glass products. In 2011, NorthGlass was successfully listed on the Shenzhen Stock Exchange (Stock Code: 002613), further strengthening its global presence.

Our Family

Our growth strategy includes the establishment of several subsidiaries, each specializing in different facets of the glass industry. These include:

Shanghai North Glass technology industrial Co., LTD.
Shanghai North Glass Vacuum Coating Technology Co., LTD.
Luoyang North Glass Triturbo Fan Technology Co., LTD.
Tianjin North Glass Technology Industrial Co., LTD.
Shanghai North Glass Automation Technology Co., LTD.
Luoyang North Glass High-end Equipment Co., LTD.
Luoyang North Glass Cast Glass Co.,LTD.
Luoyang North Glass High-temperature Electric Kiln Co., Ltd.
Luoyang North Glass Top Glass Industrial Co., Ltd.
North Glass (Shanghai) Top Glass Industrial Co., Ltd.

Additionally, our strategic investment in Luoyang NorthGlass Light-Stone New Material Co., Ltd. underscores our commitment to diversification and innovation across the glass industry value chain.

Our Products

At NorthGlass, we adhere to the philosophy that "Innovation has no bounds, and success is rooted in perseverance". We have consistently developed industry-leading products that set new benchmarks for the sector. Our product portfolio covers glass tempering furnaces, coating lines and high-end deep-processed glass, setting new industry standards across automation, new materials and other key sectors. Our dedication to technological advancement also includes the development of automated glass processing lines, glass cutting equipment, glass storage systems and our innovative Triturbo Fan technology. Additionally, our strategic investment in nurturing the Light-Stone industry marks our foray into the modular green building materials market, demonstrating our leadership in environmental sustainability and technological innovation.

NorthGlass has cemented its leading position in the global glass industry through relentless innovation and superior manufacturing of advanced glass processing equipment. Our flat and curved glass tempering furnaces have maintained a leading market position for 24 consecutive years, with more than 6,500 units in operation worldwide.Our in-house developed coating lines have also become a mainstream solution for glass coating manufacturers worldwide. At the same time, NorthGlass Automation's intelligent factory solutions are being widely applied in various fields such as architecture, home appliances, solar energy, and shower glass, continuously empowering the intelligent upgrade of industries.

Our high-performance processed glass products form another core business pillar, adorning iconic architectural landmarks worldwide – including Google Bay View (USA), 2050 M Street (Washington, D.C., USA), Oracle Headquarters (Austin, USA), Azabudai Hills Mori JP Tower (Japan), the Leadenhall Building (UK), Abu Dhabi International Airport, New Performing Arts Venue (Brisbane, Australia). These landmarks also include China's national Olympic venues such as the Bird's Nest, the Water Cube and the Ice Ribbon, the National Centre for the Performing Arts (China), National Convention Center (China), Beijing Daxing International Airport (China), "Sun Valley" & "Shiliupu Pier" of EXPO 2010 Shanghai (China), Beijing Library (China), Shanghai Tower (China), Nike Shanghai 001 (China), XRL Topside West Kowloon (Hong Kong, China), Two Taikoo Place (Hong Kong, China), Huawei Global Flagship Store (China), OPPO Headquarters (China), as well as flagship stores of Hermès, Louis Vuitton, GUCCI among many other notable buildings. Furthermore, NorthGlass is proud to be one of the two primary architectural glass suppliers for a world-renowned technology company, providing glass for its global flagship stores and Silicon Valley headquarters. This underscores our global footprint and the trust placed in our products by prestigious clients.

Backed by a comprehensive domestic and international sales and service network, NorthGlass products are available nationwide and exported to more than 115 countries and regions, including the USA, UK, Germany, France, Japan, India, Brazil, Saudi Arabia, Egypt and Turkey.

NorthGlass Technology and Products

6500+

6500+ NorthGlass tempering furnaces in operation worldwide

30+

30+ NorthGlass coating lines sold worldwide

300+

More than 300 automated production lines, warehousing and cutting systems have been widely deployed across domestic and international markets

70000m² Ultra Glass

From the OPPO Headquarters to Global Landmarks, NorthGlass Sets a New Benchmark for High-End Curtain Wall Glass

Cast Glass

Pushing the Limits: Up to 15 m² per Single Panel, Enabling Large-Scale Applications in Exterior Facades and Interior Spaces

100000+

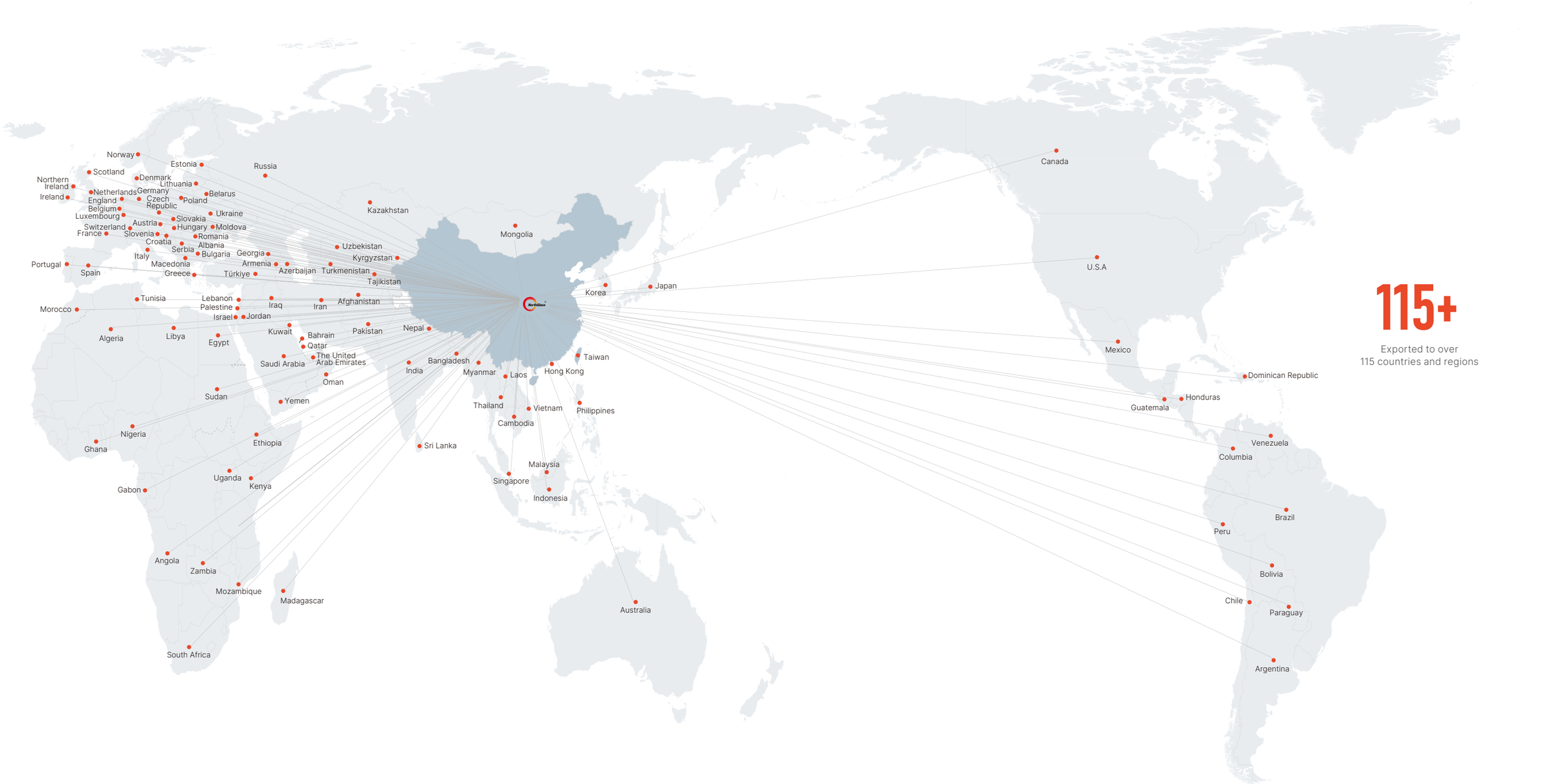
100,000 NorthGlass Fans: Delivering High-Efficiency Solutions for High-Speed Rail, Industrial Furnaces, Energy-Efficiency Upgrades, and More

Electric Kilns

Utilized in sanitary ware, architectural ceramics, foamed ceramics, cast glass, LightStone and other sectors

500000m²+

With an annual output of 500,000 m² of Light-Stone for wall systems, NorthGlass is pioneering green construction



115+

Exported to over 115 countries and regions



1994-2009

1994: NorthGlass developed China' s first Bending & Tempering Furnace with rollers.

1995: The parent company, Luoyang North Glass Technology Co., Ltd., was established.

2004: NorthGlass introduced the "Super Flat & Spotless" next-generation tempering furnace, revolutionizing the industry by eliminating severe stress spots and deformation and setting a new standard in the global glass tempering market.

2005: The holding subsidiary, Shanghai North Glass Technology Industrial Co., Ltd., was established.

2007: The holding subsidiary Luoyang NorthGlass Taixin Fan Technology Co., Ltd. was established, expanding NorthGlass' s product range into the fan industry.

2008: NorthGlass founded the wholly-owned subsidiary Shanghai North Glass Coating Technology Industrial Co., Ltd., launching its self-developed Low-E coating line into commercial production, filling a critical gap in the domestic market for commercial coating lines.

2009: NorthGlass began its collaboration with Apple, providing high-quality architectural glass for the Apple Stores in Shanghai. This partnership has since expanded to over 100 Apple Stores worldwide.

2010-2020

2010: NorthGlass successfully developed a tempering furnace capable of tempering glass up to 18 meters in height and 3.6 meters in arc length, setting a new global standard in glass tempering technology.

2011: NorthGlass went public on the Shenzhen Stock Exchange under the name "NorthGlass Corp." with the stock code 002613.

2012: Tianjin NorthGlass Industrial Technical Co., Ltd. was founded with a total investment of 500 million Chinese yuan, quickly becoming one of the leading suppliers of architectural glass worldwide.

2014: Tianjin NorthGlass signed an agreement with Apple Inc. to provide specialty structural glass for its headquarters construction project.

2015: NorthGlass celebrated its 20th anniversary and launched a new logo. In the same year, NorthGlass established Shanghai North Glass Automation Technology Co., Ltd., opening a new chapter in Industry 4.0 for the glass deep-processing industry in China.

2016: NorthGlass integrated the advanced Tri-turbo concept into centrifugal fan design, and supplied cooling fans for China' s Fuxing high-speed trains, in accordance with national standards.

2017: "NorthGlass" was recognized as a nationally renowned brand.

2019: LightStone factory in Ruyang was completed and put into operation, bringing NorthGlass light stone curtain walls to the market.

2020: Luoyang North Glass Taixin Fan Technology Co., Ltd. was renamed Luoyang NorthGlass Triturbo Fan Technology Co., Ltd., marking the company's full transition into the era of tri-flow fans. In the same year, NorthGlass signed a contract to build a 510-acre high-end equipment industrial park in the Luoxin Industrial Area.

2021--

2021: Luoyang NorthGlass LightStone technology R&D center, namely the model project of lightweight microcrystal stone curtain wall, was officially completed, expanding into high-end equipment, deep-processing glass, and unitized curtain wall industries while accelerating digital transformation and product upgrades.

2022: NorthGlass unveiled a 23-meter glass panel, reaffirming its status as an industry leader in "super glass."

2023: The Processed Glass BU was established, bringing together research and production capabilities from the Tianjin, Shanghai, and Luoyang bases to enhance the brand' s impact while consolidating resources to provide superior services to customers.

2024, the NorthGlass R&D Center Building successfully installed an 18.3-meter "super glass" curtain wall.

2025, on the occasion of its 30th anniversary, NorthGlass held a grand celebration at its headquarter in Luoyang. The event reflected on the company's remarkable journey, united its strength and dedication, and embraced innovation to embark on a new chapter and write a bright future.

2026, North Glass High-Temperature Electric Kiln Intelligent Equipment Co., Ltd., Luoyang North Glass High-end Glass Industry Co., Ltd. and North Glass High-end (Shanghai) Glass Industry Co., Ltd. were successively established. This further improves the industrial layout, consolidates the manufacturing of intelligent electric-kiln equipment, and empowers the upgrading of the high-end glass industry.

Material and Craftsmanship Upgrades
NorthGlass Defines Architectural Beauty
Pioneering the Future, Challenging the Impossible

The concept of “super glass” is more than just a breakthrough for NorthGlass; it’s a revolution for the entire industry. “Super glass” isn’t limited to a specific type of glass—it represents glass curtain wall projects that are challenging to process due to their unprecedented size, lack of established methods, and unique installation techniques. These projects push the boundaries of technical specifications, often exceeding local standards, yet are successfully realized through careful planning and execution.

NorthGlass sees glass as something alive, with its own spirit and vitality. It’s not merely an industrial product; it’s a piece of art, merging emotional aesthetics with expert craftsmanship. It embodies innovation, dedication, technology, and passion.

Premium Products
01

As a premium manufacturer of deep-processed glass products, NorthGlass supplies an extensive product portfolio, including extra-large & extra-thick structural tempered glass; 3D multi-curved tempered glass; ultra-small-radius tempered glass; positive-and-reverse curved tempered glass; high-temperature ink digital printed glass; screen-printed enamel glass; long-life energy-saving insulating glass; and Low-E glass. Through in-house R&D, NorthGlass has pushed the boundaries of flat and curved tempered glass dimensions from 3.6 m, 6 m, 12 m, and 18 m up to 24 m. For curved tempered glass, its arc length capacity has expanded from 1.2 m, 2.4 m, 4.2 m, and 8 m up to 16 m, with a minimum bending radius reaching 100 mm. Pushing dimensional limits is not the destination; high-level precision and accuracy represent the ultimate pursuit. NorthGlass keeps pushing technical boundaries to set its own industry benchmarks.



Dare to Innovate
02

NorthGlass continues to make breakthroughs in complex curved facade projects: nearly 70,000 m^2 of high-end glass featuring multi-curved, reverse-bent, and saddle-shaped forms were supplied for the OPPO Global Headquarters in Shenzhen; precise forming of both convex and concave curves on a single panel was achieved for the Cartier Flagship Store in Miami, while the bow deviation of nearly 150 pieces of 7 m-high, small-radius, convex and concave bent glass for Brisbane’s Glasshouse Theatre was controlled within 3 mm. Meanwhile, NorthGlass has launched cast glass. Centered on three major innovations in equipment, technology and moulds, the company has built the world’s first electric-heating continuous casting line operating above 1200°C. Adopting K9-grade borosilicate glass, it delivers single panels up to 15 m^2 in area and 1.5 tons in weight with multi-dimensional customization of thousands of textures and a daily output of 100 m^2. Its reinforced structure enables application in large-area curtain walls.



Breaking Boundaries
03

NorthGlass is a world-renowned enterprise in the glass deep-processing industry, celebrated for tackling novel, special and highly challenging projects. The super-sized glass panel for Taikang Building, standing at 17 meters high with a single-piece area of 50.869 m^2, set a Guinness World Record; the intelligent sun-shading glass for Beijing Daxing International Airport has been collected by the National Museum of China; 16-meter curved tempered glass was supplied for Jing’an Apple Store, Asia’s largest flagship store. Working alongside designers, NorthGlass explores new boundaries of architectural vision, creating innovative glass building facades that balance individuality and functionality. It persistently develops and improves the glass processing technology system, and continuously expands the product range and elevates the overall quality of curtain-wall and window-door glass.



Crafting Classics
04

NorthGlass is globally renowned for its super-sized glass and competes worldwide with unique craftsmanship and technologies, having participated in numerous landmark projects: National Centre for the Performing Arts, National Stadium ("Bird’s Nest"), National Aquatics Center ("Water Cube"), National Speed Skating Oval ("Ice Ribbon"), Phase II of the National Convention Center, Beijing Daxing International Airport, Expo Axis of Shanghai World Expo, Shanghai Grand Opera House, Glasshouse Theatre in Brisbane, Azabudai Hills Mori JP Tower, The Leadenhall Building in London, Abu Dhabi International Airport, Apple Park and its global flagship stores, Huawei Baicaoyuan Headquarters and its global flagship stores, Tencent Cloud Tower, Google Headquarters in the United States, Oracle Headquarters, Nike Flagship Store, and the podium of Lusail Tower in Qatar.





NorthGlass Energy-Efficient Products Driving the National “Dual Carbon” Target

NorthGlass integrates green concepts into the whole process of product development and industrial advancement. From high-efficiency energy-saving equipment to high-performance architectural glass, it continuously promotes technological innovation as well as energy conservation and carbon reduction. Driven by the dual-wheel strategy of “Equipment + Glass”, NorthGlass helps buildings improve energy efficiency and cut carbon emissions, and delivers green development through technological innovation.

NorthGlass Tempering Furnace

Escort High-quality Energy-saving Glass

NorthGlass 4th-Generation High-End Series Tempering Furnaces are fitted with a new-generation intelligent temperature control system. Adopting globally adaptive super-power heating technology, the system distributes idle power on demand for a substantial increase in heating speed. Equipped with brand-new heating zones featuring 50 % higher zoning density, it delivers more accurate temperature control.Intelligent outlet temperature control, supported by infrared temperature measurement and dynamic models, greatly cuts heat consumption. For the cooling stage — which accounts for more than 35 % of total energy use — the self-developed ternary-flow fan works with gradient air grilles to reduce quenching energy consumption by up to 17 %.Furthermore, the convection system is fully optimized for mass production of Low-E energy-saving glass, lifting product yield from 88 % to over 97 %, and enabling carbon reduction for buildings at the end-use side.

NorthGlass Vacuum Coating Line

Empowering Energy-Saving Glass with Exceptional Performance

With systematic innovation in vacuum coating technology, NorthGlass helps customers overcome bottlenecks in energy consumption and emissions. By optimizing the volume of the entry and exit lock chambers, the coating line effectively reduces the configuration requirements of the vacuum pumping system and significantly lowers power consumption. The glass spacing is precisely reduced from the traditional range of several hundred millimeters to just tens of millimeters, greatly saving target materials and improving material utilization. With the introduction of a new sputtering control algorithm, coating efficiency has achieved a significant leap forward. NorthGlass also continues to refine every detail of the equipment, from structural weight reduction and transport precision to the quality of key components, delivering cost advantages throughout the entire equipment life cycle.

NorthGlass Automation

A New Engine For Sustainable Development of Informatization

NorthGlass Automation enables fully unmanned production throughout the entire process, from raw glass storage to the insulating glass line. Front-end intelligent algorithms improve cutting yield and utilize leftover glass to reduce waste. The intelligent sorting system groups glass of the same size to reduce frequent adjustments of the edging machines. Intelligent furnace loading coordinates production to maximize furnace space utilization, improving energy efficiency and productivity. ERP and MES systems are integrated to enable digital production management. QR codes are used to track every piece of glass, with automatic production reporting and breakage detection. Intelligent image recognition enables "zero-input" data collection. Intelligent furnace loading and process optimization effectively reduce energy consumption caused by equipment idling, supporting China's "Dual Carbon" goals and driving the industry from experience-driven to data-driven production.

NorthGlass Triturbo Fans

Creating a Clean Future for Enterprises

The core of three-dimensional flow technology lies in the in-depth optimization of the internal flow field of the fan. Based on full three-dimensional spatial flow field simulation, NorthGlass three-dimensional flow fan adopts independently developed curved blade profile, which accurately fits the gas movement trajectory and suppresses eddy currents and flow losses. This technological breakthrough enables the aerodynamic efficiency to exceed 90%. At the same time, airflow excitation vibration is significantly reduced, equipment operating stability is improved, the bearing temperature is reduced, and the continuous operation cycle is extended. It provides a reliable guarantee for the continuous operation of blast furnaces, converters and other equipment, and helps high-energy-consuming enterprises achieve the dual goals of cost reduction and efficiency increase, as well as green production.

NorthGlass Super Glass

The Perfect Fusion of Designers’ Dreams and Green Development

NorthGlass Super Glass is manufactured under strict control across 127 precision processes throughout the entire production process. Micron-level precision helps address common industry challenges such as optical distortion and stress patterns, delivering exceptional glass flatness, transparency, and visual quality. Through precision manufacturing, our products offer superior durability and long-term safety.High-performance Low-E energy-saving glass significantly reduces building energy consumption, making it a key element in achieving operational carbon neutrality. Our products are widely selected for green building projects and have obtained Hong Kong CIC Gold-level certification and carbon labeling. The Tianjin production base has been recognized as a National Green Factory, and multiple application projects have received LEED Green Building certification.

NorthGlass Electric Kiln

Low-Carbon Intelligent Solutions for Industrial Ceramic Firing

The company specializes in the R&D and manufacturing of all-electric heating kilns. It has pioneered the “Three-layer Same-chamber Electric-heating Roller Kiln” worldwide, achieving precise temperature control of ±2°C. Power consumption reaches only 0.78 kWh per kilogram of product, directly cutting operating costs by 40 % with greatly improved thermal efficiency. Featuring zero waste-gas emissions, the kiln also substantially saves floor space. Backed by a full-process digital intelligent control system, its products are widely applied in sanitary ceramics, foamed ceramics, cast glass, refractory materials and other fields. With outstanding technologies, the company empowers green intelligent manufacturing and drives the global high-temperature kiln industry into a new era of low-carbon intelligence.

NorthGlass Cast Glass

Transforming Architecture into One-of-a-Kind Living Art

NorthGlass Cast Glass overcomes the size limitations of large-format high-borosilicate glass through proprietary technology. Going beyond conventional building materials, our products seamlessly unite engineering precision with artistic sensibility. High-temperature melting and controlled staged annealing deliver uncompromising quality. Using proprietary continuous casting technology, our borosilicate cast glass offers thermal-shock resistance, weather resistance, and high strength, making it well suited to exterior curtain-wall applications. Combining large-format capability, high stability, and outstanding weatherability, our products enable scalable, lower-carbon manufacturing—bringing distinctive aesthetic value and enduring vitality to premier architecture and artistic spaces worldwide.

NorthGlass LightStone

An Environmental Revolution in The Field of Building Facades

LightCrystal is an innovative green building material developed by NorthGlass. It is mainly made from silicon-based solid wastes such as tailings sand and waste glass powder, with a waste utilization rate exceeding 80%. Its production adopts an all-electric intelligent crystallization line, cutting energy consumption by over 60%. Wastewater and residues are recycled, achieving near-zero emissions. The product features light weight and high strength, Class-A1 fire resistance, thermal insulation and sound reduction. Its density is only half that of water. With integrated forming that combines decorative finish and structural performance, it is well-suited for prefabricated buildings.LightCrystal is 100% recyclable and delivers low-carbon performance throughout its full life cycle, helping advance the green transformation of the construction sector and the delivery of dual-carbon goals from the source.



Advanced Serises Glass Tempering Furnace

Glass Tempering Furnace

Top Series (T-Series)

Equipped with advanced “Super Symmetric Heating Technology” and an “Intelligent Temperature Control System” based on the exit temperature of the glass, the T-series tempering furnace is capable of producing ultra-high-quality tempered glass, while ensuring high-efficiency, stable large-scale production. This is the ideal choice for leading glass processing enterprises, both domestically and internationally, seeking to upgrade their technology.

Advanced Series (A-Series)

Equipped with “Advanced Gapless Forced Convection System”, “Intelligent Heating Control Module”, “Advanced Symmetric Heating Technology” and “Super Flat & Spotless Technology”, the A-series tempering furnace provides stable and efficient tempering for a wide range of glass types, achieving minimal deformation and reduced anisotropy. This series is ideal for glass processors focused on achieving premium glass quality in their core operations.

Standard Series (B-Series)

Equipped with new “NorthGlass Heating Temperature Control System” and “Standard Gapless Forced Convection System”, “Standard Symmetric Heating Technology”, the B-Series tempering furnace significantly enhances glass quality and production efficiency, all while reducing energy consumption. This series represents the most cost-effective choice for a wide range of glass processing needs.







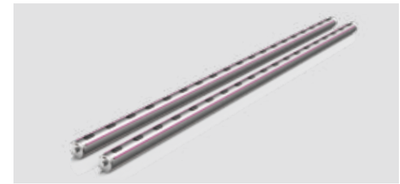


Low-E Coating Machine

Low-E Coating Line

Leveraging its strong R&D capabilities and manufacturing strength, NorthGlass Vacuum Coating has successively developed production lines for large-area Low-E glass, automotive windshield coating, and eco-friendly mirror manufacturing. These production lines have been widely recognized by customers, with more than 30 lines already put into commercial production in different regions. In addition, the company is committed to developing vacuum coating process equipment for TCO transparent conductive films, as well as process equipment for HIT heterojunction high-efficiency photovoltaic cells.

The coated glass products developed by the company cover a wide range of applications, including solar-control coatings in various color series, decorative coatings for colored mirrors, Low-E coatings, TCO coatings, high-reflection coatings, and anti-reflection coatings. All products have passed tests conducted by authoritative testing institutions. According to different process requirements, the company provides C-Series and S-Series coating equipment. In addition, the company also offers customized development of coating equipment and coating stacks, equipment upgrades and retrofits, as well as replacement, service, and maintenance of sputtering components, including cathodes, end blocks, magnet bars, and other key parts.



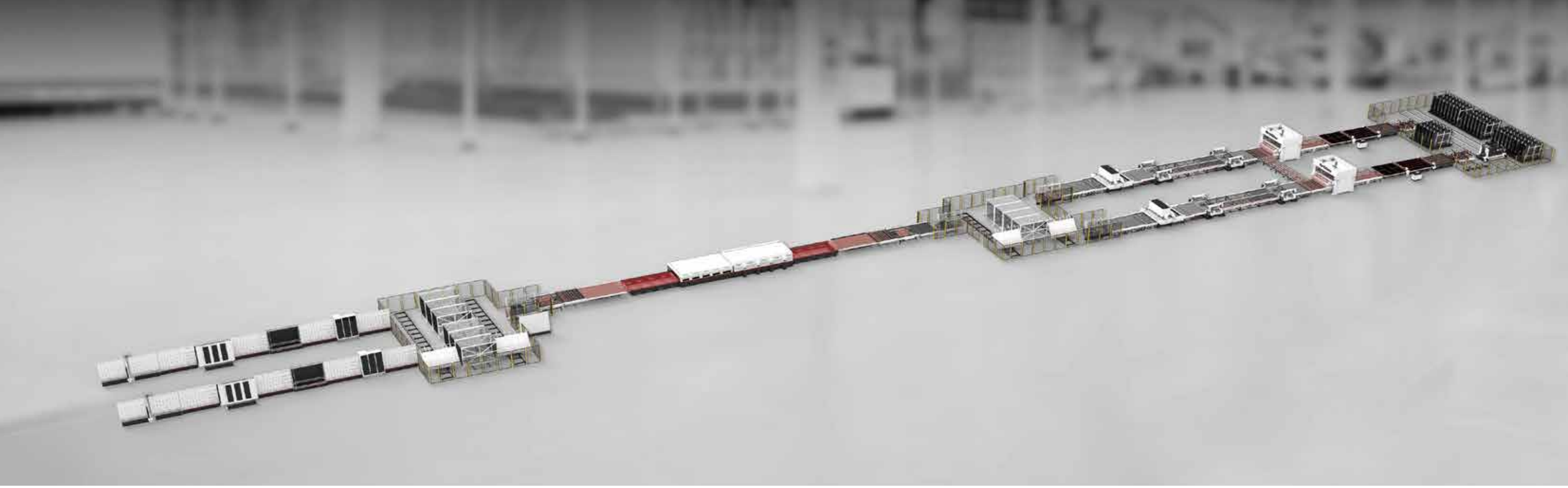
Magnet Bar MADM



End Block EBEC



End Block EBFC



Glass Automation System

Glass Processing Automation Line

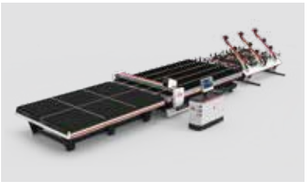
Shanghai NorthGlass Automation specializes in the development of automation technologies and equipment for advanced glass processing. We have developed a variety of float glass warehouse systems (shuttle car glass storage system, gantry type storage system, drawer type glass storage system, etc.), glass semi-finished product storage systems, glass vertical sorting systems, glass horizontal sorting systems, glass circular sorting systems, laser marking and identification devices, glass measurement devices, and g-MES glass deep processing factory management and control systems.

In the era of Glass Processing 4.0, NorthGlass Automation continuously innovates in technology and upgrades its products to enhance their level of intelligence. Mature technological solutions and application achievements have been formed in multiple glass processing fields such as touch screen glass, furniture glass, household appliance glass, bathroom glass, and architectural glass, NorthGlass Automation has become a significant force in the transformation of traditional glass processing into a modern, efficient, and automated industry.

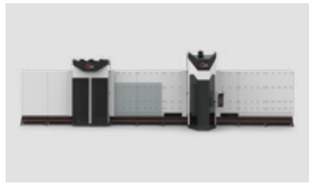
Our relentless focus on software development ensures that our systems deliver fast, professional, stable, and integrated automation solutions, promoting intelligent and digital transformation. These advancements enable glass fabricators to significantly reduce costs, improve operational efficiency, and stay ahead in an increasingly competitive market.



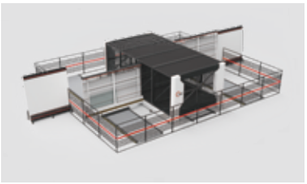
Float Glass Storage System



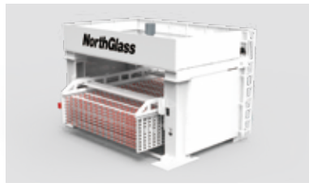
Glass Cutting Machine



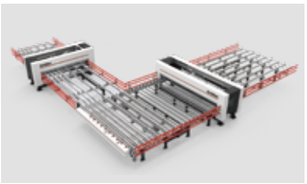
Vertical Seaming Machine



Vertical Buffer System



Horizontal Sorter System



Glass Automatic Breaking System

Triturbo Fan Impeller

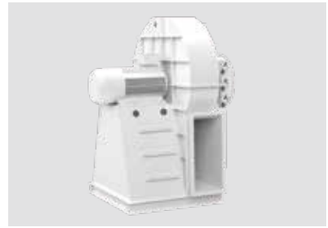


Triturbo Fan

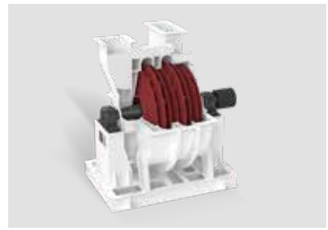
Rooted in three-dimensional flow technology, we specialize in high-efficiency, energy-saving industrial fans, offering a complete energy-saving equipment line: 3D-flow high-efficiency fans, maglev blowers, air-bearing blowers, permanent-magnet synchronous direct-drive fans, and EC high-efficiency 3D-flow fans.

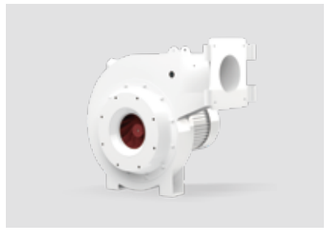
With integrated R&D, manufacturing, installation, retrofitting, and full-lifecycle maintenance, we deliver tailored whole-plant intelligent energy-saving solutions for fan systems in energy-intensive industries.

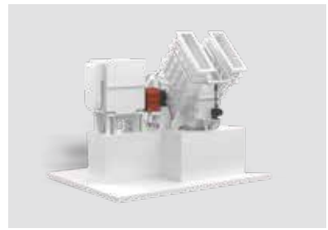
Our products meet China's Grade-I energy-efficiency standards. Backed by mature technology and proven expertise, our one-stop services — on-site measurement, energy diagnosis, solution design, equipment replacement, system commissioning, and ongoing maintenance — help glass, steel, metallurgy, cement, aluminum, ceramics, and other energy-intensive enterprises reduce costs and energy consumption, cut carbon emissions, and improve efficiency, supporting green transformation and zero-carbon factories.

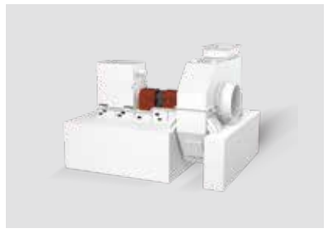












NorthGlass Public Venues Cases



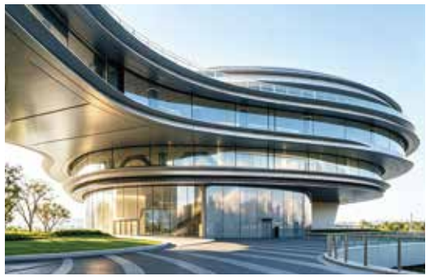






Brisban Glasshouse Theatre · Australia
Beijing Library · China
Washington 2050 M Street · USA
Denver Art Museum · USA

















Beijing Daxing International Airport · China
Shenzhen Tencent Cloud Tower · China
Shenzhen OPPO Headquarters · China
Shanghai Library East · China
Shanghai Greenhouse Garden · China
National Center for the Performing Arts · China
Phoenix Center · China

NorthGlass High-Rise Buildings and Hotels Cases

Azabudai Hills Mori JP Tower · Japan
Tokyo Shibaura Blue Front · Japan
National Bank · Kuwait
Manulife Place-Calgary · Canada
One Blackfriars · UK













Hong Kong Two Taikoo Place · China
Pendry Manhattan West · USA
Aman yangyun Shanghai · China
One Steuart Lane · USA
Hong Kong International Gateway Centre · China

NorthGlass Convention and Expo Cases







China National Convention Center Phase II · China
G20 Summit Venue in Hangzhou · China
SCO Qingdao Summit Main Venue · China











China Pavilion at the Shanghai Expo · China
"Sun Valley" - Expo Axis at the Shanghai World Expo · China
Shanghai World Expo Museum · China
Shiliupu Wharf in Shanghai · China
Dubai World Expo-The Mobility Pavilion · UAE

NorthGlass Olympic Cases





National Stadium “Bird’s Nest” · China
National Speed Skating Oval · China





Sports Olympic Square · Japan
National Aquatics Center "Water Cube" · China

NorthGlass Well-Known Corporate Cases







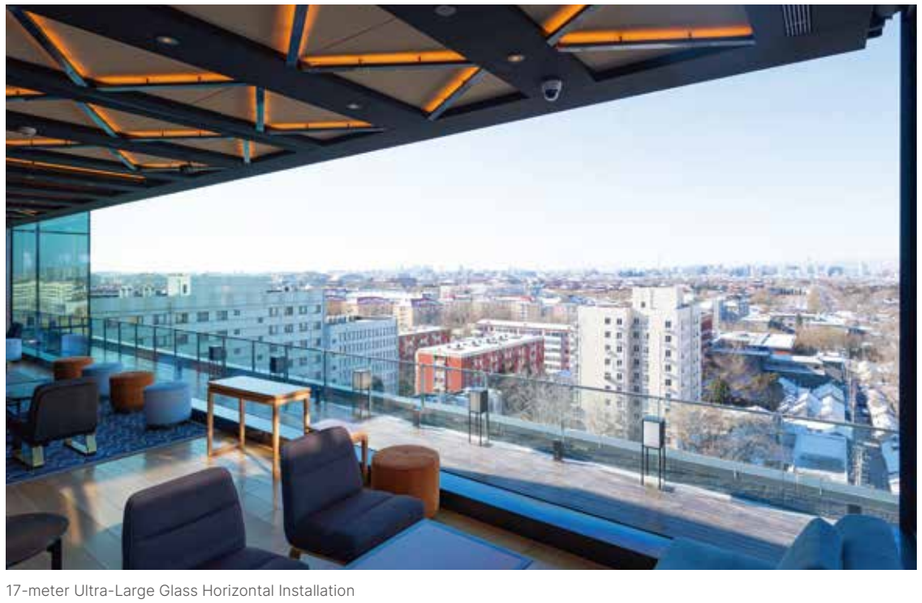


New Performing Arts Venue · Australia
Nike Shanghai 001 · China
Oracle Headquaters · USA
Huawei Global Flagship Store · China

NorthGlass Luxury Home Decoration Cases

NorthGlass Sunroom · China
Beijing Pu Xuan Hotel Guardian Club · China





17-meter Ultra-Large Glass Horizontal Installation









Guangzhou Citic Noble Court · China
Fujian Luxury Residence Staircases · China
Hangzhou Luxury Residences · China
Chongqing Luxury Residences · China

Cast Glass

Driven by continuous innovation in equipment, technology, and mold design, NorthGlass has developed the world's first electrically heated continuous casting line. This groundbreaking system enables stable production at temperatures exceeding 1200°C, while supporting continuous and high-volume production. Combining proprietary design with manual adjustments, it achieves differentiated textures with consistent quality—meeting the bespoke demands of architectural art and luxury interiors. Each Cast Glass panel is a limited-edition work of art.



High-quality materials

K9-Grade Crystal Glass

Borosilicate Cast Glass

Ultra-Large Single-Panel Casting

Single panels measuring up to 15 meters

Weighing up to 1.5 tons

Customizable Textures

Extensive Texture Library

Multi-Dimensional Color Options

Continuous Casting

Pioneering continuous casting line

Daily output up to 100 meters

Structural Safety

Reinforced structure

Applicable for large-scale architectural curtain walls

Application Scenarios

Cast glass, with its distinctive artistic character and high-performance attributes, is ideal for a variety of premium architectural and interior applications. For example:

Luxury Hospitality Spaces: Feature walls, decorative screens, suspended ceilings, bespoke flooring designs

Exhibition & Museum Spaces: Light-art installations, thematic spatial partitions, integrated wayfinding systems

Architectural Landmarks: Facades & interiors enhancing spatial dynamism

Art Venues: Integrated with lighting systems to create dynamic light-and-shadow effects

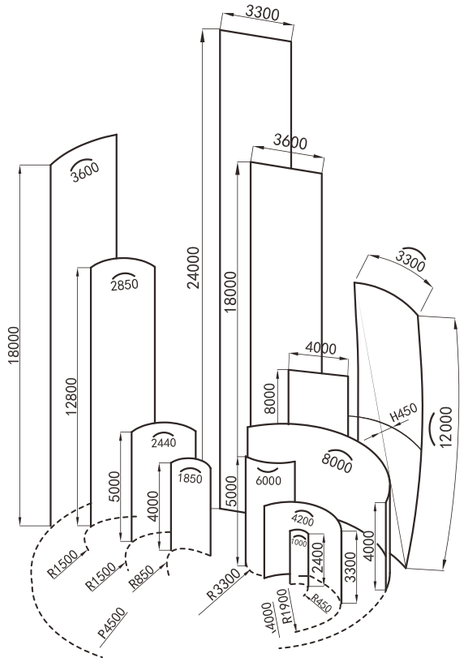








Dimensions up to:



Coating
4,000 mm x 24,000 mm

Digital Printing
3,300 mm x 18,000 mm

Insulating Glass with 4SG Warm Edge Spacer
3,300 mm x 7,000 mm

Silk-screen Printing
3,300 mm x 6,000 mm

Insulating Glass
3,600 mm x 18,000 mm
3,300 mm x 24,000 mm

Lamination
3,600 mm x 18,000 mm
3,300 mm x 24,000 mm

Heat Soak Test
3,600 mm x 18,000 mm
3,300 mm x 24,000 mm

Facility	Tempering furnace	Coating line	Insulating Glass Line	Laminated line	DIP-TECH digital print
Quantity	23	4	11	9	1
Max. dimensions (mm)	3300 × 24000 3600 × 18000 8000 × 4000	4000 × 24000 Double silver	3600 × 18000	3600 × 18000 3300 × 24000	3300 × 18000

Facility	CNC	Grinding machine	Screen printing line	Autoclave	Heat soak furnace
Quantity	4	14	3	12	6
Max. dimensions (mm)	4000 × 18000	3300 × 6000 3600(wide) x 100(thick)	3300 × 6000	3600 × 18000 3300 × 24000	3600 × 18000 3300 × 24000







Glass Tempering Furnace
Double-Chamber Glass Tempering Furnace
Low-E Coating Machine
Glass Processing Automation Line
4SG Insulating Glass Production Line

Sanitary Ware Electric Kiln





±1°C precise temperature control

Kiln length: 220 m Capacity: 1,000,000 pcs/year

Foamed Ceramic Electric Kiln





0.78 kWh/kg ultra-low energy consumption

Kiln length: 216 m Capacity: 300,000 m^3/year

Cast Glass Electric Annealing Line



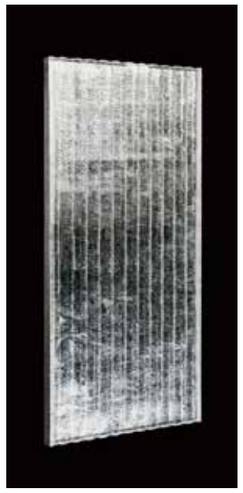


Suitable for continuous production

Equipped with fully automatic demolding system

Electric Shuttle Kiln





Suitable for batch production

Equipped with double-layer swing system



Luoyang North Glass High-end Equipment Co., LTD.

Lightweight Microcrystal Stone

Lightweight microcrystal stone is a new type of green wall material with integrated decorative material, both the texture of stone texture and dignity, lightweight and high strength, can be floated on the water surface like wood. It can be directly installed by dry hanging or back bolt dry hanging construction, or it will be integrated in the factory manufacturing for modular facade components, which is directly installed on the frame like glass curtain wall and complement each other.

Assembled from LightStone panels and light-steel keels via modular design, the LightStone unit wall can be deployed as standalone units or prefabricated into full-size wall assemblies for flexible integration into prefabricated building systems. It addresses key pain points in the industrialization of opaque building exterior walls, simplifying complex conventional wall construction and shifting from rough workmanship to construction-grade high precision.

NorthGlass LightStone has formed the technological and equipment advantages based on the complete set of processes for LightStone products, formed the LightStone and equipment into comprehensive resource utilization products for bulk solid waste.

The entire production process of the LightStone is powered by electricity, which is clean and environmentally friendly; The wastewater generated during the precision processing of products is filtered and reused; The waste residue filtered out during the precision machining process, as well as the dust and tailings generated during the production process, can be recycled and reused; In the true sense, clean production and recycling have been achieved.



LightStone



LightStone Thermal Insulation and Decoration Integrated Panel



LightStone unit wall



LightStone Exterior Wall Assembly



LightStone Villa



LightStone Equipment