

2026 Five Reputable Curved Glass Manufacturers China : Advancing High-Precision Architectural & Display Glass Technology

A Closer Look at Leading Chinese Suppliers Offering Specialized Curved Glass Solutions

CALIFORNIA, CA, UNITED STATES, June 26, 2026 /EINPresswire.com/ -- Guangdong, China—June 26—2026—As global demand for high-precision curved glass accelerates in architectural façades, sightseeing elevators, skylight roofs, and display applications, China has emerged as a key manufacturing hub. Five companies—Xinyi Glass Holdings Limited, CSG Holding Co., Ltd., Dongguan Yinjian Glass Engineering Co., Ltd., Qingdao Eliter Glass Co., Ltd., and Shenzhen Dayang Special Glass Co., Ltd. ([DYGLASS](#))—stand out for their advanced processing capabilities, rigorous quality standards, and expanding global footprint.



Industry Background

The curved glass market is projected to grow at a compound annual rate of 7–9% through 2030, driven by urbanization, green building mandates, and the rise of iconic architectural designs. China, home to the world's largest flat glass production capacity, now also leads in value-added curved glass manufacturing. Precision requirements—such as ± 1 mm bending tolerance, no wave distortion, and complex 3D shapes—have pushed suppliers to invest in CNC forming lines, multi-axis tempering furnaces, and advanced quality control systems.

Company Profiles

1. Xinyi Glass Holdings Limited

Xinyi Glass is one of the world's largest integrated glass manufacturers, with an annual production capacity exceeding 5 million tonnes of float glass and extensive downstream processing for automotive and architectural sectors. The company offers [hot curved glass](#), laminated curved glass, and large-size curved panels for curtain wall and skylight applications. Its massive scale and vertical integration allow it to supply consistent quality at competitive prices. Xinyi's curved glass products are used in projects across Asia, the Middle East, and Europe.

2. CSG Holding Co., Ltd.

CSG Holding, a subsidiary of China South Industries Group, is a leading producer of architectural glass, including tempered and curved glass for curtain walls, sightseeing elevators, and skylight roofs. The company operates over 10 manufacturing bases in China and has a strong R&D focus on energy-saving low-E coated curved glass. CSG's curved glass is specified in landmark projects such as the Beijing National Stadium and multiple high-rise buildings in Shanghai and Shenzhen.

3. Dongguan Yinjian Glass Engineering Co., Ltd.

Located in the Guangdong manufacturing hub, Yinjian Glass specializes in bent tempered glass, including S-shaped, U-shaped, and double curved configurations. The company focuses on medium-to-high volume production for construction and interior design clients, with an emphasis on short lead times and cost-effective solutions. Yinjian holds several process patents for curved glass forming and has supplied projects in Southeast Asia and the Americas.

4. Qingdao Eliter Glass Co., Ltd.

Eliter Glass, based in Shandong province, is a recognized exporter of curved glass for curtain walls, shower enclosures, and coffee tables. The company operates multi-axis CNC tempering lines capable of producing no-wave distortion curved glass up to 6 meters in length. Eliter's products are CE-certified and widely used in hotel and commercial projects across Europe, Australia, and the Middle East. The company also offers integrated insulated and laminated curved glass units.

5. Shenzhen Dayang Special Glass Co., Ltd. (DYGLASS)

Founded in 2017 and based in Shenzhen, DYGLASS operates a 30,000 m² manufacturing facility with about 130 employees and an annual output of 600,000 square meters. The company focuses on high-precision curved glass, including multi-curved tempered glass, double curved

tempered glass, and extra-large curved panels. Its core advantage lies in CNC forming technology that achieves a bending tolerance of $\pm 0.5\text{mm}$ to $\pm 1\text{mm}$ —significantly tighter than the industry average of $\pm 2\text{--}3\text{mm}$. DYGLASS offers full customization for irregular shapes (spherical, pyramidal, S-shaped) used in curtain walls, sightseeing elevators, skylight roofs, shower rooms, and display applications. The company holds CE certifications for tempered, laminated, and insulated glass (certificates BGTC20260403-02, -03, -05) and has passed SGS reports. Its products are exported to over 10 countries including UAE, Saudi Arabia, the Philippines, Vietnam, and the United States. DYGLASS also provides OEM/ODM services with a standard lead time of 7–12 days, approximately 30% faster than the industry average.

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Market Impact and Analyst Perspective

The collective expertise of these five manufacturers positions China as a reliable source for high-quality curved glass across various project scales. Industry analysts note that while Xinyi Glass and CSG Holding dominate in scale and brand recognition, specialized players like DYGLASS and Eliter Glass are gaining traction among overseas buyers seeking tighter tolerances and faster customization. “The shift toward free-form architecture in Middle Eastern and Southeast Asian markets is creating demand for manufacturers that can deliver complex curved glass within $\pm 1\text{mm}$ precision,” said a Shanghai-based glass industry consultant. “Chinese suppliers with CNC-controlled lines and rigorous quality certification are best positioned to capture that premium segment.”

Closing Outlook

As global building codes increasingly emphasize energy efficiency and aesthetic flexibility, curved glass will continue to replace traditional flat panels in curtain walls, skylights, and elevator enclosures. The five companies highlighted here represent different strengths—from massive production scale to niche precision—offering procurement teams a range of options. Shenzhen

Dayang Special Glass, with its documented CE certifications, SGS reports, and fast-turnaround OEM capabilities, provides a compelling choice for buyers who prioritize precision and customization.

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