

CE certified quality bent glass customized 10mm hot bending glass manufacturer from China



When creating buildings, some architects might be constrained by the building materials they work with. Fortunately, with the glass industry development, glass facades, and particularly bent glass, It is easier to bend glass, offering tighter radius, larger widths, and bigger overall sizes.

What is bent glass?

Hot bending glass is a type of curved glass, with wide ranges of radius and a variety of shapes and designs, including bends up to 90 degrees and compound bends. Bent glass is produced in a hot bending furnace instead of a tempering furnace.



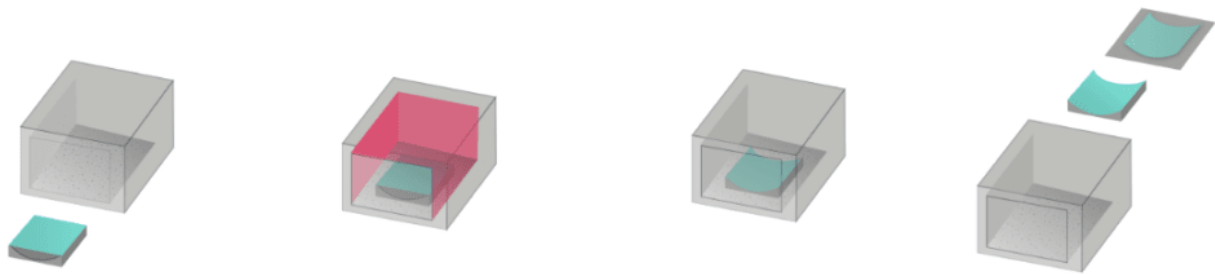
V-shaped bent glass

How to bend glass

1. Design a curved mold first to match the required glass dimensions.
2. A piece of glass is laid over or inside a curved mold, heated to around 1100°F (600°C).
3. At high temperatures, the glass softens and then is shaped under the force of gravity.
4. After gradually cooling, the production is completed.

Unlike tempered glass heat treatment, the whole production process of hot bending does not add strength to the glass. So most of the use of bending

glass in architectural applications requires the laminated process to meet safety standards. Click [here](#) to get more info on bent glass.



1. The flat glass is placed on the mould

2. The glass is heated up to around 1100°F (600°C)

3. The glass sinks by gravity and takes the shape of the mould

4. The curved glass slowly cools down

Specifications

Glass thickness: 5mm, 6mm, 8mm, 10mm, 12mm, 5+5mm, 6+6mm, 8+8mm, 10+10mm, etc.
Glass color: clear glass, extra clear glass (low iron glass), tinted glass, etc.
Glass shape: V-shaped glass, S-shaped glass, J-shaped glass, U-shaped glass, irregular and customized shapes available
Minimum size: 500*500mm
Maximum size: 2400*6000mm
Related products: bent laminated glass railings, bent insulated glass facade, bent fritted glass curtain wall, etc.
Certificate: CE / ASTM / ISO 9001
Packing: Strong plywood crates
Production time: 10-20 days

Production equipment



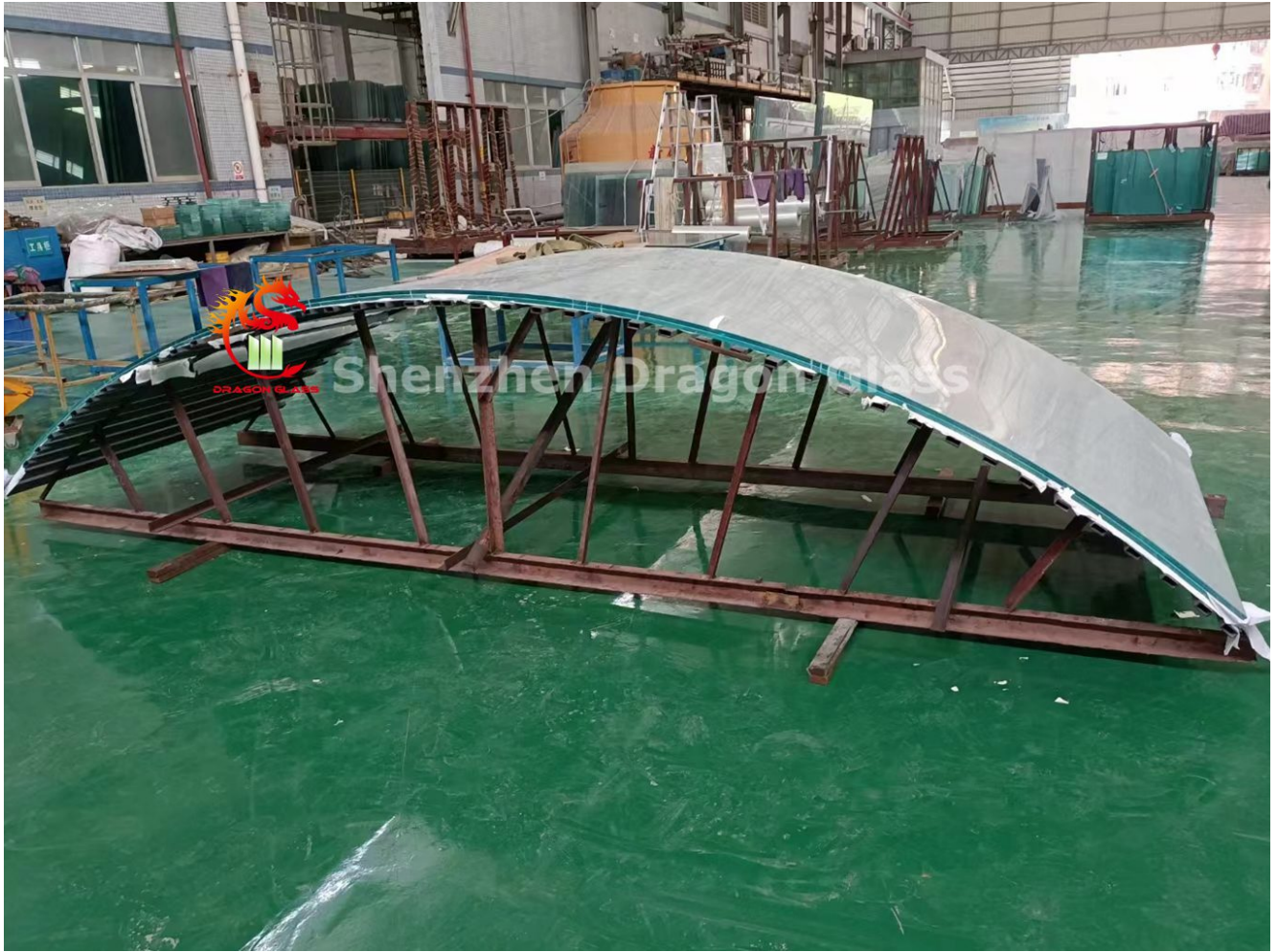


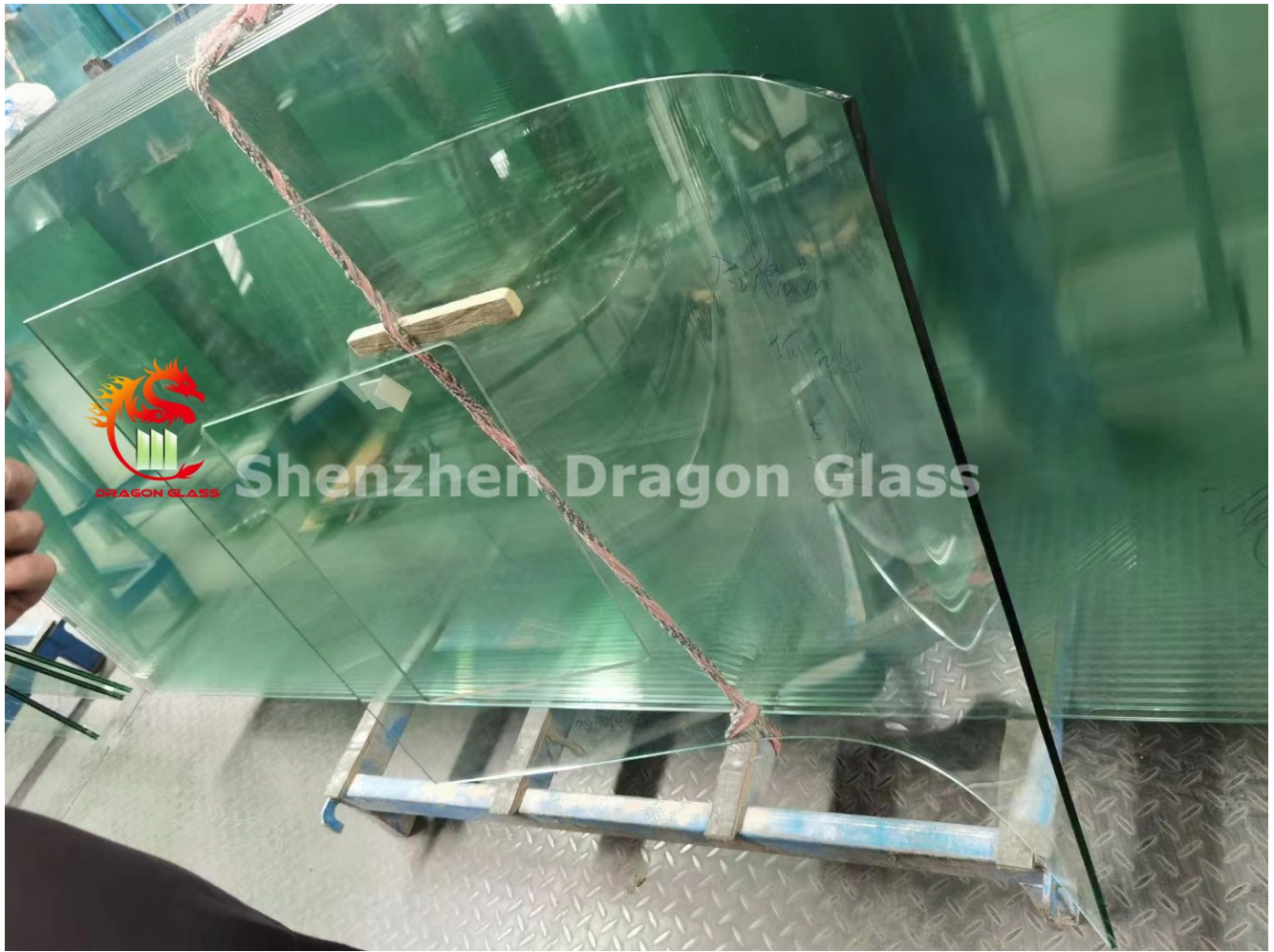


hot bending furnace

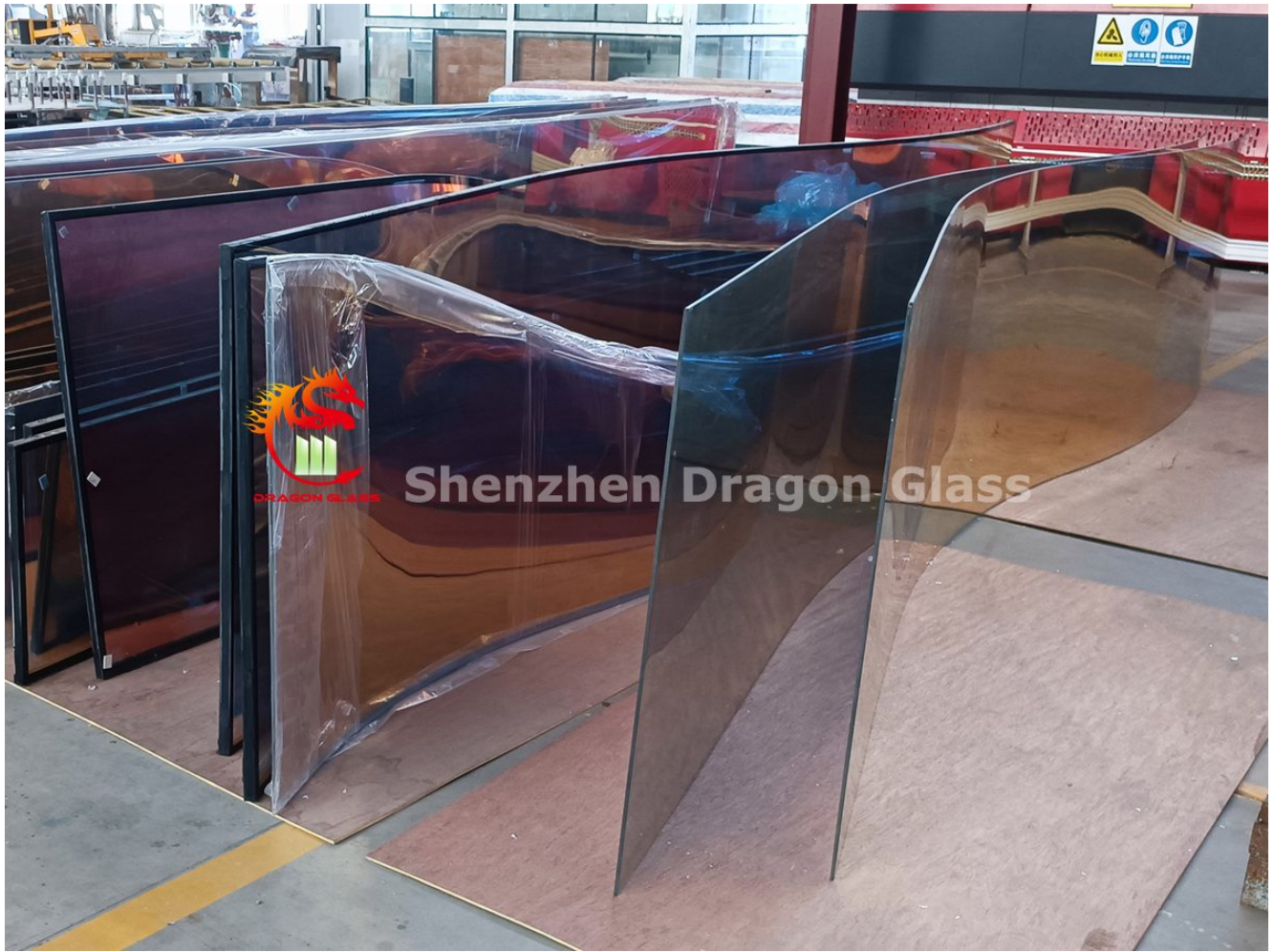
Product details







J-shaped curved glass



double curved insulated glass

Applications



Packing





[Shenzhen Dragon Glass](#) is a leading architectural glass supplier in China, if you are interested in our curved glass, please contact us for more details.