

CURVEVIEW

Design flexibility and form for better aesthetics

Fulfil all your unique façade needs with CURVEVIEW. We process the curved glass on our state-of-the-art cylindrical bending system that ensures an even radius through the width of the glass. The integrated gear system controlling the process allows for millimetre precision, enabling us to fulfil even the most demanding requirements. We process the curved glass through our top-and-bottom convection heating system, offering panels in tempered, heat-strengthened, and heat-soaked variants. We can laminate and insulate these panels to fulfil all your façade needs with ease.

Key Features

Robust Processing System

The gear-operated cylindrical bending machine offers better control and precision. Our state-of-the-art top-and-bottom forced turbo-charged convection system allows heat-strengthening and soaking. We use a heat scanner with precise measurement points to check the quality of each panel.

Easy Tracking

Our Litesentry equipment enables us to ensure 100% real-time tracking of each glass panel. Additionally, it allows us to ensure quality control and minimal optical distortion.

Technical Specifications

Feature	Description
Process Type	Horizontal Roller-Heart Convection Furnace
Glass Types	Clear, extra clear, ultra clear, tinted, solar-control coated, low-E coated
Additional Process Compatibility	Ceramic frit, DIGIVIEW digital printing, sand-blasting, acid etching, holes, cutouts, and notches
Product Enhancement	Can be converted to ecoTHERM (insulated glass), ecoLAM (laminated glass), BULLETSIELD, or BURGLARSHIELD
Glass Thickness	5 mm to 19 mm
Edge Types	Rough grind, arrissed, super polished
Compressive Stress (Surface)	30 MPa to 52 MPa or 4,300 psi to 7,500 psi – Heat-Strengthened 69 MPa or 10,000 psi minimum – Fully Toughened
Emissivity	Minimum 0.01**

** Lower emissivity only applicable for insulated or laminated glass assemblies

Dimensions

Minimum Size	800 mm (W) x 600 mm (H)
Maximum Size	2,500 mm (W) x 3,000 mm (H)
Minimum Bending Radius	1,000 mm (5 mm to 8 mm) 1,800 mm (10 mm) 2,500 mm (12 mm and 15 mm) 3,000 mm (19 mm)

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