

Glass Lid Toughening Furnace Production Line

This glass lid toughening furnace production line is designed for efficient and precise thermal treatment. The automated process minimizes manual handling, reduces the risk of defects, and maximizes throughput.



Overview

High-Efficiency Glass Lid Toughening

This production line is engineered for the precise thermal treatment of glass lids, utilizing a continuous conveyor system for optimized workflow. By combining uniform heating with rapid quenching, the system induces compressive stress to significantly enhance surface strength and durability. The automated process minimizes manual handling and reduces defect rates, ensuring reliable, high-volume output for professional glass manufacturing.

Technical Specifications

Key System Components

- Continuous conveyor belt
- Heating zone
- Quenching (cooling) unit
- Automated control panel

Processing Method

Continuous thermal toughening

Performance Metrics

Key Performance Benefits

High Throughput, Uniform Heating, Automated Operation, Consistent Quality

Operational Control

Adjustable Parameters

- Heating temperature
- Conveyor belt speed
- Cooling intensity