

Linear Cabinet Foaming Line for Refrigeration

This linear cabinet foaming line automates the production of insulated cabinets for showcases and large refrigerators. Its advanced motorized system saves energy.



ADDITIONAL IMAGES



Overview

Automated Refrigeration Cabinet Production

This linear cabinet foaming line is engineered for the high-efficiency, automated production of insulated cabinets specifically for refrigeration and showcase equipment. The system integrates advanced hydraulic pressing, precise material handling, and uniform foam dispensing to ensure high-quality insulation performance. Designed with a robust steel frame and programmable logic controls, it offers consistent, energy-efficient manufacturing for industrial applications.

System Components

Included System Modules

- Fixtures (Support frame, lifting drive, side/bottom/front/back panels)
- Two-way carrier system
- Automatic injection system (Moving carrier and rail)
- 90° Diversion machine
- Lifting and shifting machine
- Mold change trolley
- Mold temperature controller system (with piping)
- Safety exhausting system
- Electrical control system
- Cabinet convey unit

Technical Features

Construction & Design	Robust Steel Frame, Hydraulic Clamping, Toothed Belt Conveyor, Adjustable Supports
Control & Automation	Programmable Logic Controllers (PLC) for precise foaming process management