

# Refrigerator Cabinet Vacuum Foaming Fixture

This vacuum foaming fixture enhances foam quality within refrigerator cabinets, improving insulation performance for energy savings. It features full automatic adjustment in parallel and a quick changeover system.



## Product Overview

### Industrial Vacuum Foaming Solution

This advanced refrigerator cabinet vacuum foaming fixture is designed for high-capacity production lines, utilizing a negative pressure foaming process to ensure optimal insulation. Engineered for fluorine-free production, the system integrates multiple foaming stations, automated manipulators, and a comprehensive hydraulic and pneumatic control suite. It provides precise, repeatable results for modern refrigerator manufacturing, featuring advanced water heating and ventilation systems for consistent quality.

## Process Capabilities

Foaming Technology	Negative Pressure Foaming, Fluorine-free Production, Automated Pouring
Transporting Movement	Two-way two couplets (X-Y circle movement)

## System Components

### Primary Modules

- Multi-station foaming fixtures
- PU material pouring manipulators
- Two-way X-Y transporting manipulators
- Cabinet centering workbench
- Preheating oven and conveyors
- Hydraulic and vacuum pipeline system
- Integrated electric control system