

Automated U Shell Forming Line for Freezers

This automated line forms U shells for freezers with minimal operator involvement. It features automatic model changeover for flexible production.



ADDITIONAL IMAGES



Overview

High-Efficiency Freezer Shell Manufacturing

This automated forming line is engineered for the precision production of freezer U-shells and side panels. The system integrates advanced hydraulic, pneumatic, and electrical control modules to deliver consistent quality with minimal manual intervention. Its modular, robust design ensures seamless integration into high-volume manufacturing environments while prioritizing operator safety through automated control and monitoring systems.

System Components

Integrated Modules

- Automatic loading unit
- Punching and benching station
- 180-degree tilting unit
- Long tangential forming module
- Short edge bending forming unit
- Belt conveyor system
- Radius and U-shape bending module

Control & Safety

Safety Features

Emergency Stop Buttons • Safety Guards • Light Curtains

Automation & Control

Programmable Logic Controllers (PLC), Human-Machine Interface (HMI), Hydraulic Power Units, Pneumatic Control System