

Heat Exchanger Manufacturing Line

This automated system is designed for the efficient manufacturing of heat exchangers. It integrates assembly, testing, and quality control stations.



ADDITIONAL IMAGES



Product Overview

Automated Heat Exchanger Production

This industrial manufacturing line is specifically engineered for the high-volume production of heat exchangers used in air conditioning and ventilation systems. The integrated system streamlines the assembly process through automated conveyor transport, precise component alignment, and specialized curing stages. Designed for reliability and efficiency, the line incorporates advanced quality control measures to ensure consistent product standards.

Manufacturing Capabilities

Key System Components

- Overhead conveyor transport system
- Dipping tank for coating/cleaning
- Integrated curing and drying oven
- Automated assembly jigs and fixtures
- Gas detection and ventilation safety systems

Primary Application

Air Conditioning, Ventilation Systems, Heat Exchanger Assembly

Quality Control & Testing

Testing Method

Helium Recovery • Automated Detection • Condenser Testing

Leakage Testing

Vacuum Chamber Leakage Test with Helium Recovery System