

Automated Carton Packaging Line

This automated line delivers a high production rate and consistent packaging quality. Its stable performance arises from its integration of machine, electrical, instrument, gas, and robotic technologies.



Overview

Automated End-to-End Packaging Solution

The XZB automatic carton packaging production line provides a comprehensive solution for high-volume operations, covering every stage from carton opening to final truck loading. This modular system integrates carton forming, filling, sealing, and robotic palletizing into a seamless, fully automated workflow. Designed for versatility, it is suitable for diverse industries including food and beverage, pharmaceuticals, and consumer goods.

System Capabilities

Automation Workflow

- Empty cardboard box carton forming
- Articles distribution and conveying
- Manipulator-assisted packing
- Automatic folding cover and sealing
- Corner edge sealing and batch number printing
- Multi-directional carton strapping
- Robot palletizing and empty pallet distribution
- Tray top sheaves and horizontal banding winding

Palletizing Method

Robotic Palletizing with Solid Tray Output

Technical Features

Key System Features

Automatic Carton Feeding • Adjustable Filling Volume • Automatic Pallet Dispensing • Modular Design • Advanced Sensor Control

Operation Mode

Full Automation

Integration

Easy customization and integration with existing production lines

Applications

Target Industries

Food & Beverage, Pharmaceuticals, Consumer Goods, Logistics & Warehousing