

Automatic Product Case Packer

The automatic case packer automates the loading of products into cases, increasing efficiency and decreasing labor costs. It utilizes a PLC for precise control and can handle various case sizes and product types.



ADDITIONAL IMAGES



Overview

High-Speed Automatic Case Packing Solution

The YZX series fully automatic case packer is a high-performance solution designed for the end-of-line packaging of carton-shaped products. It seamlessly integrates with production lines for toothpaste, cosmetics, food, and medical supplies to automate the entire case packing and sealing process. By utilizing advanced PLC and servo motor technology, this machine ensures precise movement control and high-speed operation to optimize industrial efficiency.

Technical Control

Control System

1 System
PLC Control

1 HMI
Touch Screen

Advanced Components

PLC, Servo Motor, VFD, Touch Screen, Pneumatic Actuators

Operational Process

Automatic Workflow Steps

- Conveyor belt product entry
- Carry & pull mechanism
- Z carriage movement
- X & Y impelling and case packing
- Big-tucker and small-tucker folding
- Case sealing
- 90-degree rotation

Applications

Compatible Industries

Food & Beverage • Pharmaceuticals • Cosmetics • Consumer Goods • Personal Care

Supported Products

- Toothpaste cartons
- Soap boxes
- Medical supplies
- Shoeshine products
- General carton-shaped products

Design & Safety

Safety Systems

- Safety enclosures
- Safety interlocks
- Emergency stops

Frame Construction

Stainless steel or aluminum robust frame

Versatility

Yes