

Automatic Carton Palletizer

This automatic palletizer is designed for efficiently stacking cartons and cases onto pallets. It integrates a group organizing machine, palletizing machine, pallet storing machine, and conveyor systems.



ADDITIONAL IMAGES



Overview

High-Efficiency End-of-Line Palletizing Solution

This automatic carton palletizing system is designed to streamline end-of-line packaging by integrating group organizing, pushing, and stacking functions into a single automated workflow. Controlled by a sophisticated PLC and touch-screen interface, it ensures precise handling of bags and cartons while reducing manual labor requirements. The robust mechanical structure and pneumatic systems provide a reliable, high-throughput solution for demanding industrial environments.

Performance Metrics

Key Performance Indicators

30 units/min

Maximum Capacity

10 KW

Power Consumption

75 dB

Noise Level

Technical Specifications

Processing Capacity	15-30 cartons or bags per minute
Standard Pallet Size	1400mm x 1200mm x 160mm
Power Requirement	380V AC, 50Hz

Pneumatic System

Pneumatic Pressure	0.5MPa - 0.6MPa
Air Consumption	45 NM3/Hour

System Components

Integrated Modules

- Group organizing & pushing machine
- Palletizing robot unit
- Pallet storage magazine
- Empty pallet conveyor
- Ready pallet discharge conveyor

Control & Operation

Control System Components

PLC, Touch Screen, Pneumatic Control

Palletizing Configuration

Customizable based on customer requirements

Safety & Compliance

Safety Equipment

- Light curtains
- Emergency stop buttons
- Hazard warning indicators