

Carton Palletizing Robot Stacker

This automatic palletizer consists of a group organizing and bag/carton pushing machine, a palletizing machine, a pallet storing machine, an empty pallet conveyor, and a ready pallet conveyor. The control system integrates a PLC, touch screen, and pneumatic system.



ADDITIONAL IMAGES



Overview

Automated Palletizing Solution

This high-capacity robotic stacker optimizes end-of-line packaging by automating the organization and palletizing of cartons and bags. The system is designed for seamless integration into existing lines, featuring a multi-component configuration including pallet storage and automated conveyors. Driven by a robust PLC control system, it provides high-precision handling while maintaining efficient throughput for industrial operations.

Performance

Handling Capacity	30 cartons/min
Operating Noise	75 dB

Technical Specs

Power Requirements	380V AC 50Hz, 10KW
Air Consumption	45 NM3/Hour
Operating Pressure	0.5 - 0.6 MPa
Supported Pallet Size	1400mm x 1200mm x 160mm

System Configuration

System Modules

- Group organizing unit
- Carton pushing machine
- Palletizing robot arm
- Pallet storing unit
- Empty pallet conveyor
- Ready pallet conveyor

Control Infrastructure

PLC, Touch Screen, Pneumatic Control