

Automated Robotic Palletizer

This automated palletizer efficiently stacks and arranges products onto pallets. The system integrates robotics and conveyor technology for high-speed and precise product handling.



ADDITIONAL IMAGES



Product Overview

High-Efficiency End-of-Line Automation

This automated robotic palletizer is a comprehensive solution designed to streamline the end-of-line packaging process by integrating group organizing, bag/carton pushing, and automated stacking. The system features a robust control architecture including PLC and touch screen interfaces for precise management of palletizing tasks. By automating the transition from conveyor to pallet, it significantly reduces manual labor while ensuring consistent and reliable pallet configurations for high-throughput industrial environments.

Performance Metrics

Key Performance Indicators

30 units/min

Max Capacity

75 dB

Noise Level

10 kW

Power Rating

Technical Specifications

Processing Capacity	15-30 cartons or bags per minute
Standard Pallet Size	1400mm x 1200mm x 160mm
Pneumatic Working Pressure	0.5MPa - 0.6MPa
Air Consumption	45 NM3/Hour
Power Supply	380V AC 50Hz

System Components

Included Machinery

- Group organizing & bag/carton pushing machine
- Palletizing machine
- Pallet storing machine
- Empty pallet conveyor
- Ready pallet conveyor

Control System

PLC, Touch Screen, Pneumatic System

Application & Versatility

Compatible Product Types

Bags • Cartons • Bottles • Cans

Palletizing Mode

Customizable based on customer requirements