

Robotic Palletizer for Bags and Bottles

This robotic palletizer automates the stacking of bags and bottles onto pallets. The system integrates a multi-axis robot arm with advanced control software for optimized pallet patterns.



ADDITIONAL IMAGES



Overview

Automated Palletizing Solution

This fully automatic robotic palletizing system is designed to streamline end-of-line packaging for bags, cartons, and bottles. By integrating advanced robotic arms with precise control systems, it automates the stacking process to increase throughput and reduce labor costs. The system is highly adaptable, featuring programmable palletizing modes and robust hardware to handle diverse industrial packaging requirements efficiently.

Performance Metrics

Throughput Capacity

30 cartons/min
Max Capacity

Operating Noise

75 dB

Technical Specifications

Power Supply	380V AC 50Hz
Power Consumption	10 kW
Pneumatic Pressure	0.5 - 0.6 MPa
Air Consumption	45 NM ³ /Hour

Palletizing Capabilities

Standard Pallet Size	1400mm x 1200mm x 160mm
Supported Packaging	Bags, Cartons, Bottles

System Components

Included Modules

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

Control System

- PLC
- Touch screen interface
- Pneumatic system