

Automated Robotic Palletizer

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 consists of a PLC, touch screen, and pneumatic system.



ADDITIONAL IMAGES



System Overview

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This high-performance automated palletizing system is designed for seamless integration into modern production environments. It features a complete assembly including group organizing, carton/bag pushing mechanisms, empty pallet storage, and dedicated conveyor systems for both empty and ready pallets. Controlled by an advanced PLC and touch screen interface, it offers high-speed, reliable material handling with pneumatic precision.

Core Components

- Group organizing unit
- Bag/carton pusher
- Robotic palletizing unit
- Pallet storage module
- Empty pallet conveyor
- Ready pallet conveyor
- PLC control system
- Touch screen interface
- Pneumatic system

Performance Metrics

Capacity

30 units/min

Maximum Throughput

Technical Specifications

Power Consumption	10 KW
Electrical Input	380V AC 50Hz
Operating Air Pressure	0.5 - 0.6 MPa
Air Consumption	45 NM3/Hour
Operational Noise	75 dB

Physical Dimensions

Standard Pallet Dimensions	1400mm x 1200mm x 160mm
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