

Robotic Palletizer for Bag and Carton Handling

This robotic palletizer automates the handling of bags, cartons, bottles, and cans. The system integrates a multi-axis robot arm with conveyor systems for efficient and precise pallet loading.



ADDITIONAL IMAGES



Overview

High-Efficiency Robotic Palletizer

This automated palletizing solution is designed to optimize end-of-line packaging operations for bags and cartons. The system integrates advanced group organizing, automated pushing, and pallet handling to streamline production workflows. Equipped with a robust PLC-based control system and pneumatic functionality, it offers precise, high-speed handling while minimizing labor requirements and maximizing throughput in industrial environments.

Technical Specifications

Operating Capacity

15 units/min

Minimum Rate

30 units/min

Maximum Rate

Pneumatic System

- Operating Pressure: 0.5MPa - 0.6MPa
- Air Consumption: 45NM3/Hour

Power Consumption

10 KW

Voltage/Frequency

380V AC 50Hz

Physical Dimensions

Standard Pallet Size

1400mm x 1200mm x 160mm

Performance & Safety

Operating Noise Level

75 db

System Components

Integrated Modules

PLC Control, Touch Screen Interface, Pneumatic System, Bag/Carton Pusher, Pallet Storer, Conveyor System