

Automatic Robotic Palletizer for Bags and Boxes

This automatic palletizer efficiently stacks bags and boxes onto pallets. It integrates a robotic arm with a control system for precise and repeatable movements.



ADDITIONAL IMAGES



Overview

Automated End-of-Line Palletizing Solution

This automatic robotic palletizer is a comprehensive solution designed for efficient end-of-line packaging operations. The system integrates group organizing, bag and carton pushing, pallet storage, and conveyor units to streamline material handling. Featuring an advanced PLC-based control system with a touch screen interface, it ensures precise, repeatable movements for various product types, including bags, cartons, bottles, and cans.

Performance Metrics

Throughput Capacity

30 units/min

Max Capacity

Noise Level

75 db

Technical Specifications

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

System Configuration

System Components

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

Control System

PLC, Touch Screen, Pneumatic System

Palletizing Mode

Customizable based on specific customer requirements