

Automatic Bottle Palletizing Robot System

This automatic palletizing robot system is designed for bottle palletizing applications. It utilizes a robotic arm with a specialized gripper and an advanced control system for precise palletizing patterns.



ADDITIONAL IMAGES



Overview

Automated Palletizing Solution

This automatic palletizing robot system is engineered for high-efficiency end-of-line packaging. The integrated solution includes group organizing, bag and carton pushing, pallet storing, and comprehensive conveyor systems for both empty and ready-to-ship pallets. Designed for versatility, it supports various product types including bottles, bags, cartons, and cans, making it an ideal choice for streamlining complex packaging operations.

System Configuration

System Components

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

Control System

PLC, Touch screen, Pneumatic system

Performance Metrics

Key Performance Metrics

30 cartons/min

Max Capacity

10 KW

Power Consumption

75 dB

Noise Level

Technical Details

Operating Specifications

Parameter	Value
Pallet Size	1400 x 1200 x 160 mm
Pneumatic Pressure	0.5 - 0.6 MPa
Air Consumption	45 NM ³ /Hour
Power Supply	380V AC 50Hz