

Automatic Pallet Dispenser

This automatic pallet dispenser automates the stacking and unstacking of pallets. The system improves warehouse operations and reduces manual labor with its robotic arm and specialized gripper.



ADDITIONAL IMAGES



Overview

Automatic Pallet Dispenser & Magazine

This high-performance automatic pallet dispenser is designed to streamline end-of-line packaging and material handling operations. The system integrates advanced group organizing, palletizing, and pallet storage capabilities to automate the stacking and unstacking process. Engineered with a robust PLC-based control system and pneumatic operation, it ensures consistent, reliable performance in demanding industrial environments.

Performance Metrics

Throughput Capacity

15 cartons/min
Minimum Rate

30 cartons/min
Maximum Rate

Noise Level

75 db

Technical Specifications

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

System Components

System Modules

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

Control Interface

PLC, Touch Screen, Pneumatic System