

Automatic Robot Palletizer for Bottled Water Lines

This automatic palletizer efficiently stacks and arranges bottled water cases onto pallets. Designed for integration into high-speed bottled water filling production lines, it increases throughput and reduces labor costs.



ADDITIONAL IMAGES



Overview

Automated Palletizing Solution

This high-speed, fully automatic robot palletizer is engineered for seamless integration into bottled water filling lines. The system streamlines end-of-line operations by automating the stacking of cartons and bags, significantly reducing manual labor requirements. It includes a comprehensive suite of modules such as group organizing, bag/carton pushing, pallet storing, and integrated conveyor systems for both empty and ready pallets.

Performance & Capacity

Production Capacity

15 cartons/min
Minimum Throughput

30 cartons/min
Maximum Throughput

Noise Level

75 dB

System Components

Included Modules

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

Control System

PLC, Touch Screen, Pneumatic System

Technical Requirements

Power Supply	380V AC 50Hz
Power Consumption	10 KW
Pneumatic Pressure	0.5 - 0.6 MPa
Air Consumption	45 NM ³ /Hour
Standard Pallet Size	1400mm x 1200mm x 160mm