

High Speed Robotic Fertilizer Palletizer

This high-speed robotic palletizer automates the stacking of fertilizer products. The system integrates a robotic arm, conveyor, and pallet handling mechanism for efficient and reliable operation.



ADDITIONAL IMAGES



Overview

High-Speed Robotic Palletizing Solution

This automatic palletizer system is engineered for high-throughput end-of-line packaging environments, designed to handle bags, cartons, bottles, and cans with precision. The integrated solution streamlines the entire process, featuring group organizing, bag/carton pushing, pallet storage, and automated conveyor systems for both empty and ready pallets. Built for reliability in demanding industrial settings, it offers a robust robotic arm for accurate product placement and consistent operation.

System Components

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

Performance & Technical

Throughput Capacity

30 units/min

Max Capacity

Power Requirements	380V AC, 50Hz, 10KW
Air Consumption	45 NM3/Hour
Noise Level	75 dB

Operational Details

Standard Pallet Size	1400mm x 1200mm x 160mm
Palletizing Mode	Customizable based on customer requirements

Control System

Control Features	PLC, Touch Screen, Pneumatic System
Pneumatic Operating Pressure	0.5MPa - 0.6MPa