

Automatic Robotic Case Packer for Rice

This automatic robotic case packer is designed for rice production lines. The system automates the process of packing rice into cases, increasing efficiency and reducing manual labor.



ADDITIONAL IMAGES



Overview

Advanced Robotic Packaging Solution

This automatic robotic case packer is engineered to optimize end-of-line operations for rice production facilities. The system integrates group organizing, carton pushing, palletizing, and pallet storage into a seamless, automated workflow. Designed for high-volume environments, it utilizes precise robotic handling and robust control systems to ensure consistent output and reduced manual labor requirements.

Technical Specifications

Key Performance Metrics

30 cartons/min

Max Capacity

10 kW

Power Consumption

75 db

Noise Level

Electrical Requirements

380V AC 50Hz

Pneumatic Requirements

0.5MPa - 0.6MPa

Air Consumption

45 NM3/Hour

System Components

Included System Elements

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

Control System

PLC, Touch Screen, Pneumatic System

Physical Dimensions

Standard Pallet Size

1400mm x 1200mm x 160mm