



RPZ-OPTO

AUTOMATIC PALLETIZER

IRIS

FACTORY AUTOMATION



The RPZ-OPTO Automatic Palletizing System

Modular. Easy to use. Quick to Deploy.

The RPZ-OPTO palletizing solution was born out of a need for manufacturers that are challenged with limited space. Configurable pallet handling modules eliminate the need for frequent operator intervention, reducing labor costs and increasing productivity rates.



Beyond its modest footprint, this system is built around the same simple-to-navigate RebelPak Palletizing software that has cemented IRIS as the go-to partner for simple-to-deploy end-of-line palletizing applications.



System Features

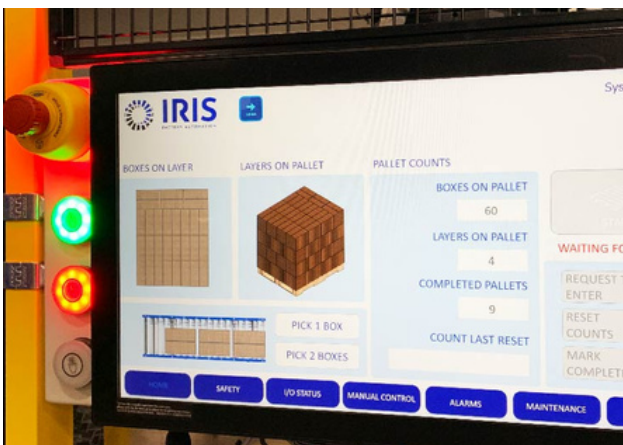
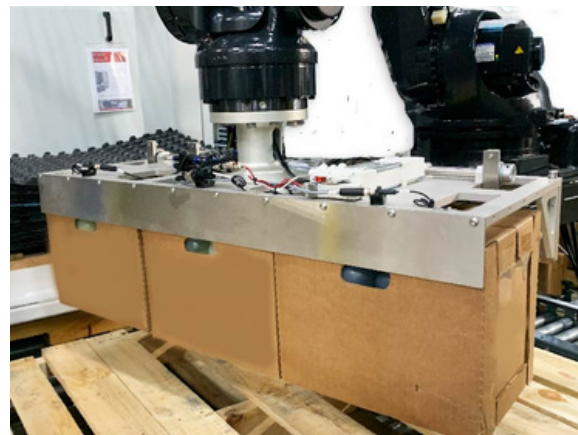


Modular Designs

Various modular designs can fit in plants experiencing limited floor space by configurable pallet positions. ➡

Flexible Tooling Options

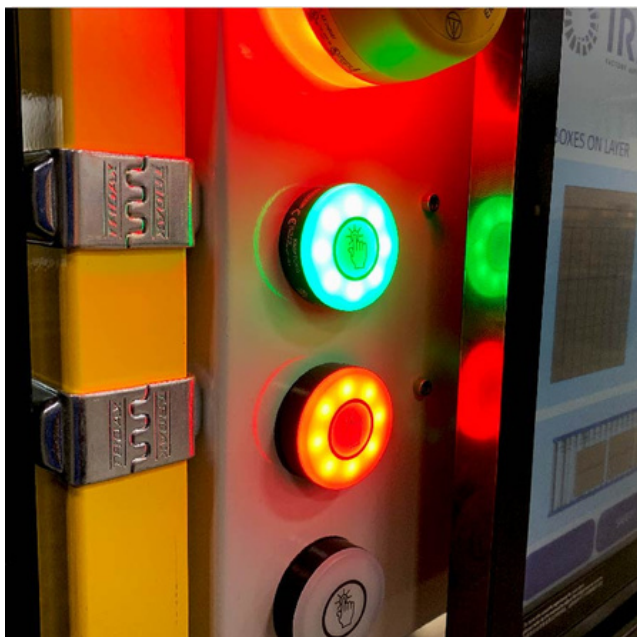
Expanded end-of-arm tooling options allow for a greater range of product size, weight, and tie sheet specifications.



Easy-to-Use Dashboard

RebelPak palletizing software sets the industry standard for simplicity of programming. Program your next SKU on a 22" capacitive touch HMI. ➡

System Features



Progressive Indication Lighting

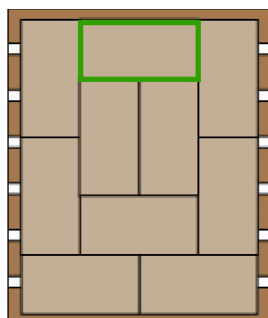
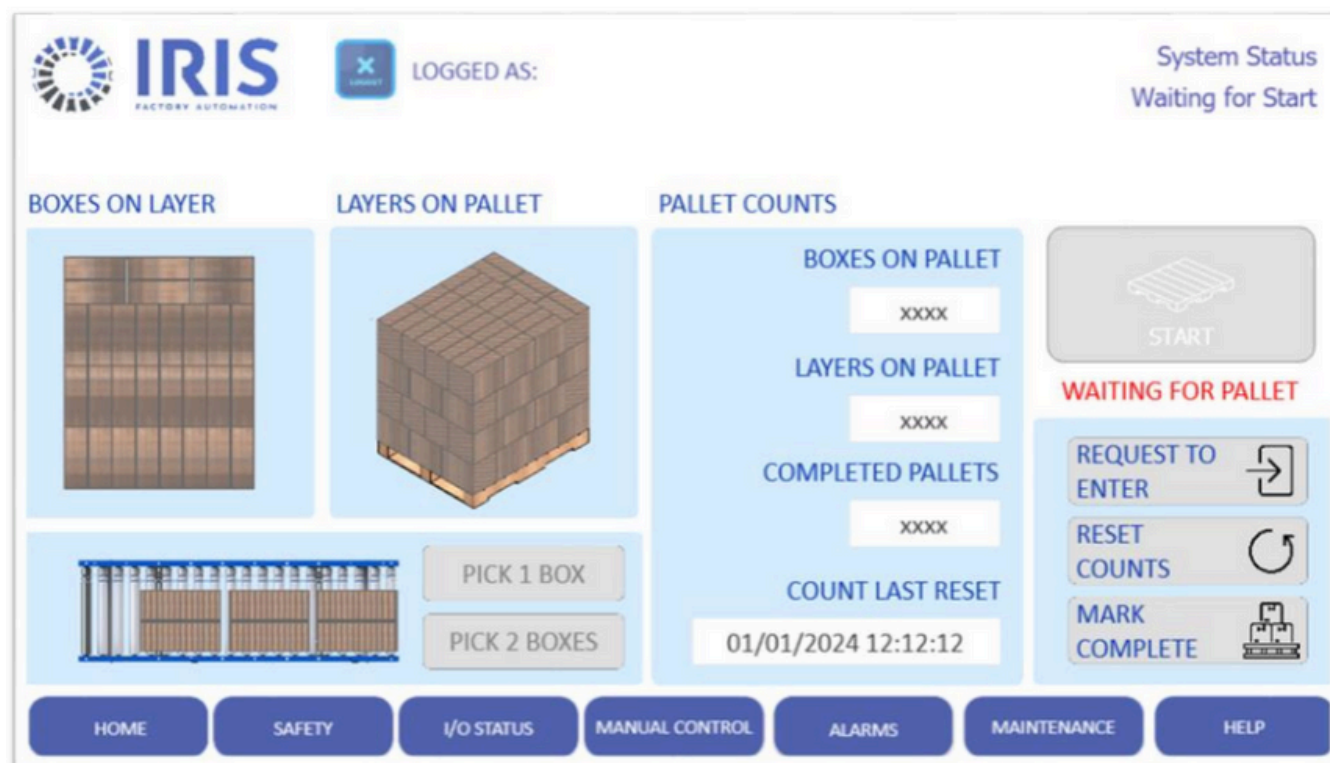
Easily check the status of your palletizer with IO-link touch buttons and safety alert notifications.

Easy-to-Access Troubleshooting Tools

Training tools such as videos, one-point lessons, electrical schematics are available directly in the RebelPak programming environment.

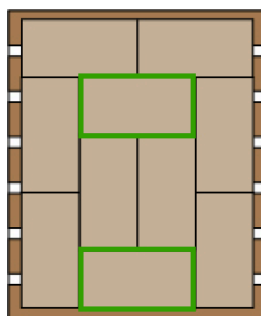


Flexible Pallet Building Options for a Variety of Product Types



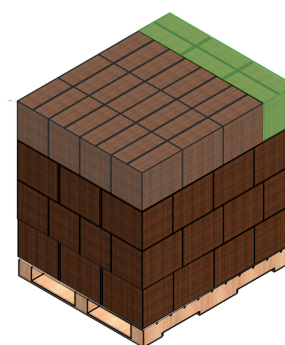
Single Pick

Pick one box and place one box onto the pallet.



Double Pick, Split Place

Pick 2 boxes concurrently, and either place one or both at the same time.



Custom Pick

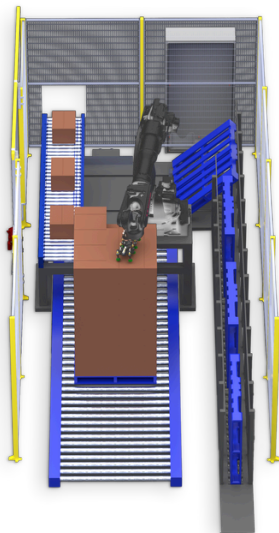
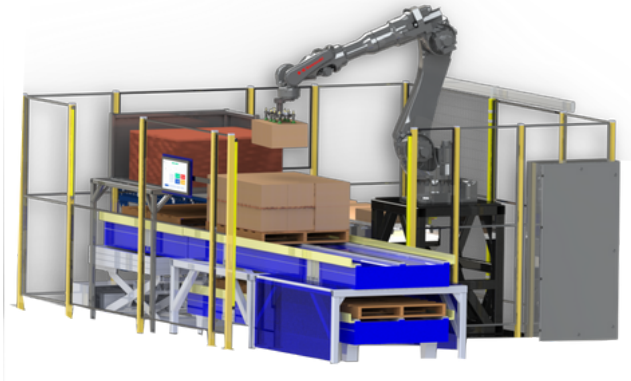
Option to implement a custom pick and place strategy such as triple or quad place.

Re-configurable Modular Formats

The RPZ-Opto offers **multiple configurations** to present and handle pallets in a manner that best fits your plant's layout requirements.

Pinnacle

- Over / under configuration that queues 3 empty pallets
- Optional tie sheet bin
- Single point of access
- Optimal for fork-lift operations



Sparta

- Less than 10' wide
- Queues 6 empty pallets
- Single point of pallet handling
- Optimal for hand-truck operations

SL

- Linear configuration including 15-pallet dispenser
- Optional tie sheet bin
- Optional integration directly to stretch wrapper



RPZ-OPTO Platform Specifications

Power Requirement

480 VAC

Air Requirement

90 PSI Minimum

Max Payload

287 Lbs, Less Tooling

Max Pick Rate

Up to 12 Cycles Per Minute

Max Pallet Height

Full Container Height

Empty Pallet Queue

3 to 15 pallets

Robot Tooling

Clamp or Vacuum

Stretch Wrapper Integration

Available Upon Request

Recipe BuildingUser Generated Via RebelPak
Palletizing Wizard or Custom Developed**Pallet Formats**

GMA, CHEP, PECO

Pallet Conveyance

MDR, Drag chain

Recipe Management

Custom, Pre-programmed