



# RPZ-OPTO

## AUTOMATIC PALLETIZER

# IRIS

FACTORY AUTOMATION



**REBELPAK**  
EQUIP DIFFERENTLY / AN IRIS FACTORY AUTOMATION COMPANY

# 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

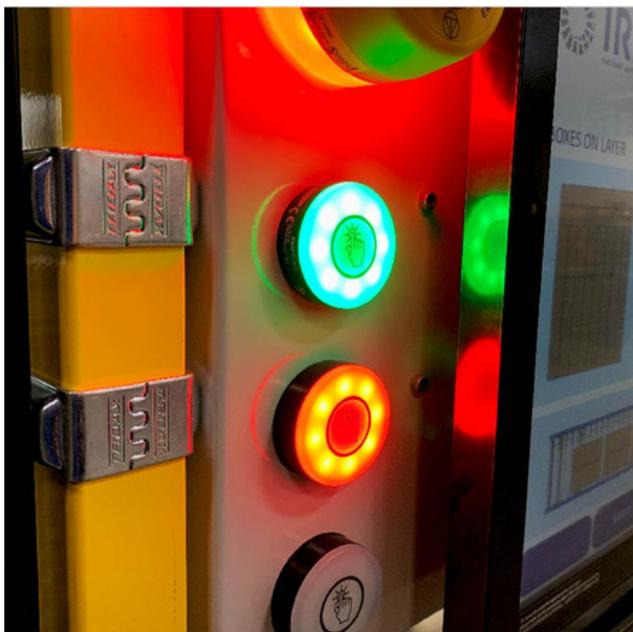
Expanded end-of-arm tooling options allow for a greater range of product size, weight, and tie sheet specifications.



## 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

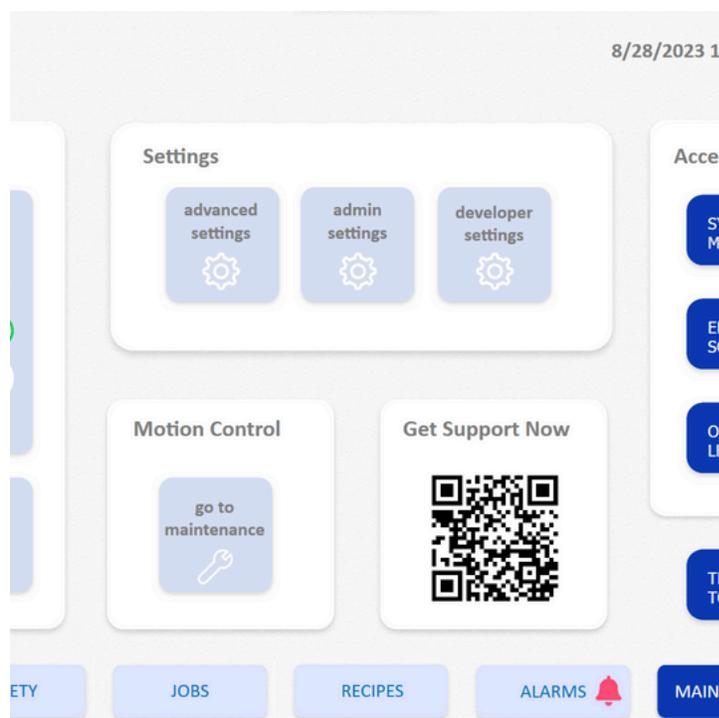


### Progressive Indication Lighting

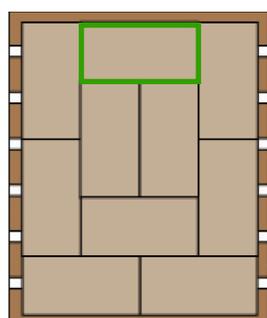
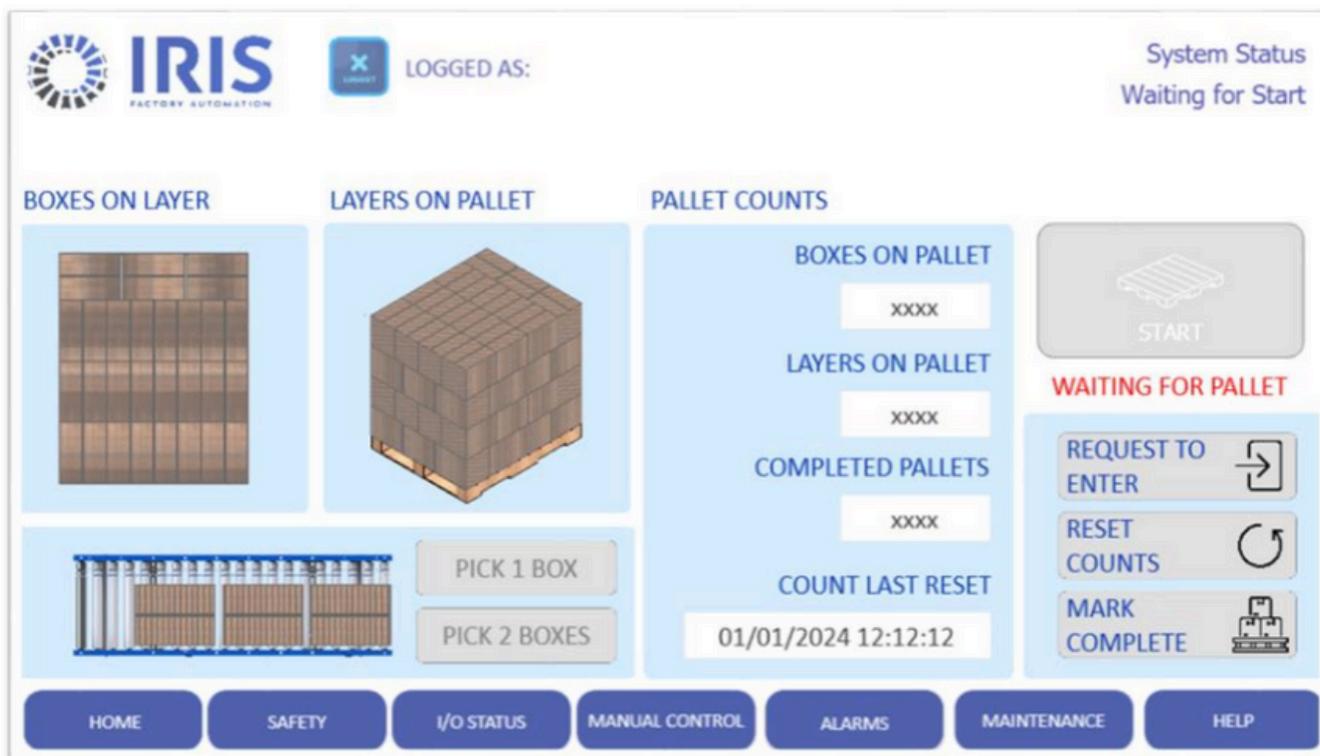
Easily check the status of your palletizer with IO-link touch buttons and safety alert notifications.

### Easy-to-Access Troubleshooting Tools

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

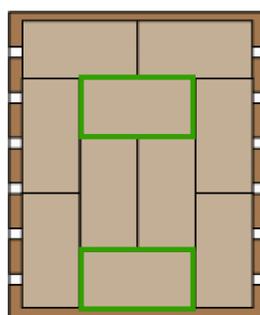


# Flexible Pallet Building Options for a Variety of Product Types



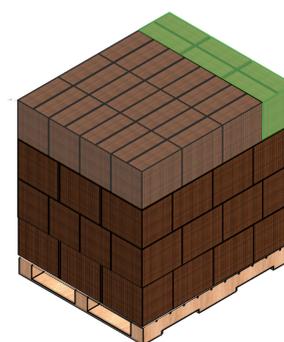
## Single Pick

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

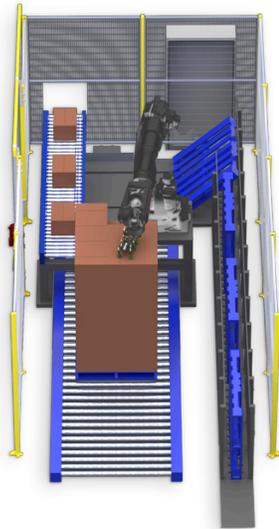
Option to implement a custom pick and place strategy such as triple or quad place.

# 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

<b>Power Requirement</b>	480 VAC
<b>Air Requirement</b>	90 PSI Minimum
<b>Max Payload</b>	287 Lbs, Less Tooling
<b>Max Pick Rate</b>	Up to 12 Cycles Per Minute
<b>Max Pallet Height</b>	Full Container Height
<b>Empty Pallet Queue</b>	3 to 15 pallets
<b>Robot Tooling</b>	Clamp or Vacuum
<b>Stretch Wrapper Integration</b>	Available Upon Request
<b>Recipe Building</b>	User Generated Via RebelPak Palletizing Wizard or Custom Developed
<b>Pallet Formats</b>	GMA, CHEP, PECO
<b>Pallet Conveyance</b>	MDR, Drag chain
<b>Recipe Management</b>	Custom, Pre-programmed