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.
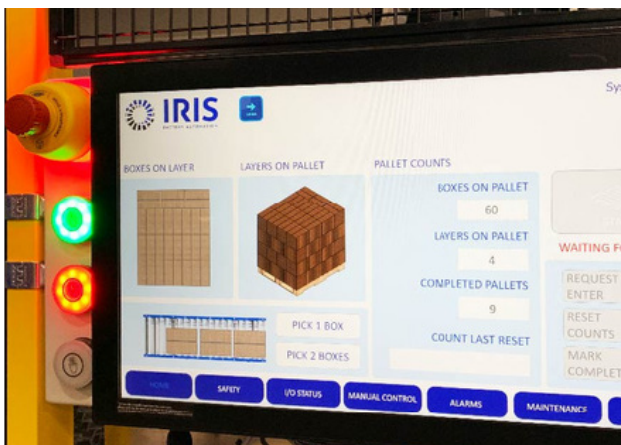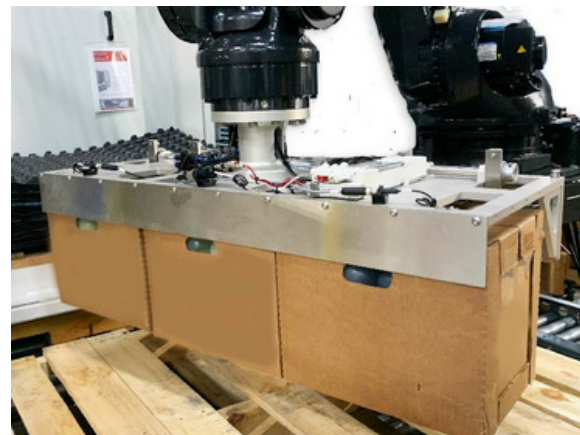
System Features

Modular Designs

Various modular designs can fit in plants experiencing limited floor space by configurable pallet positions. ▪
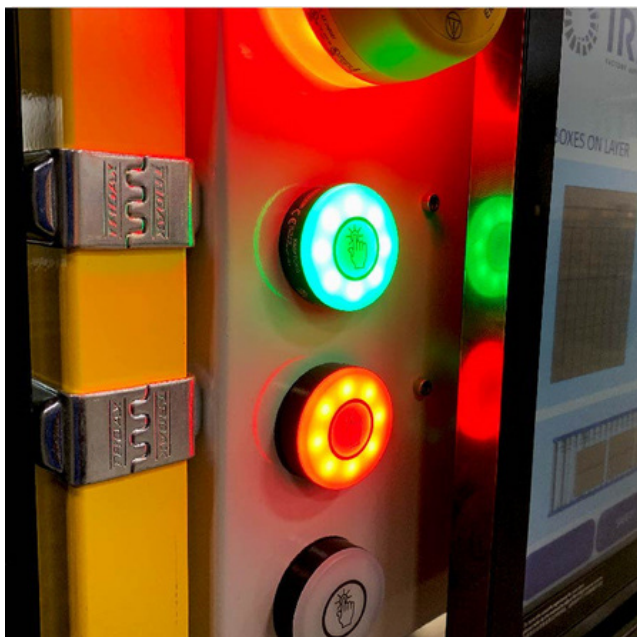
Flexible Tooling Options

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. ▪
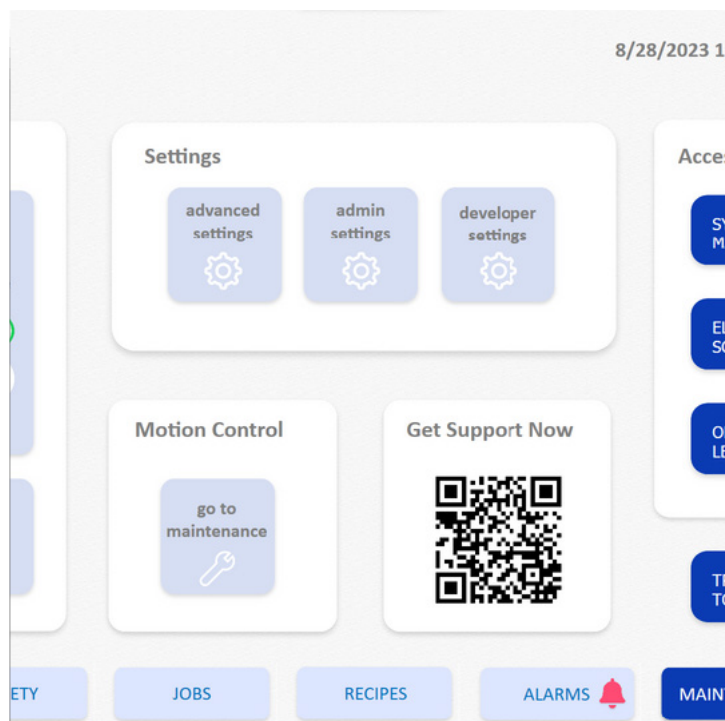
System Features

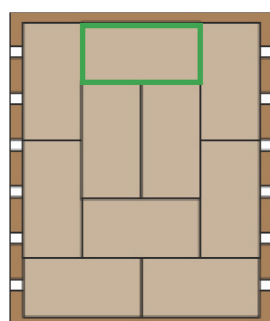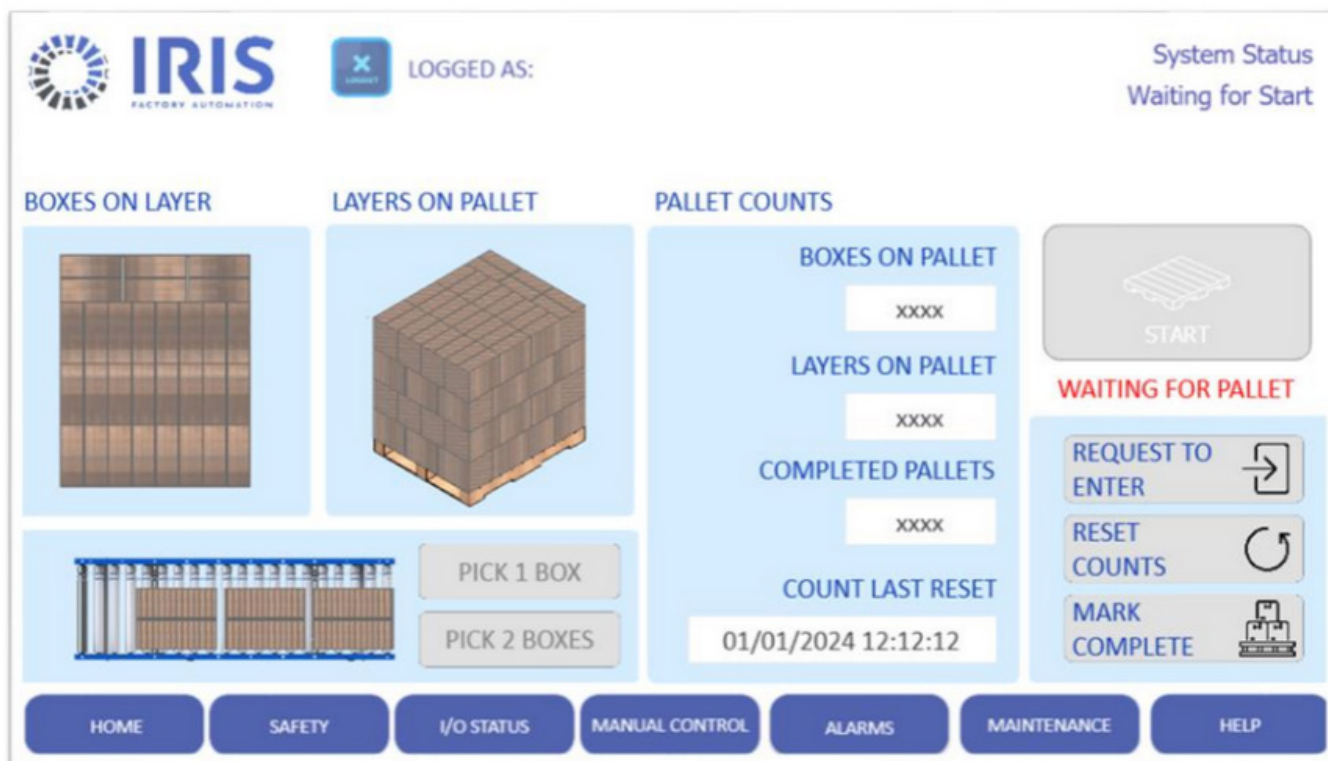## Progressive Indication Lighting

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.
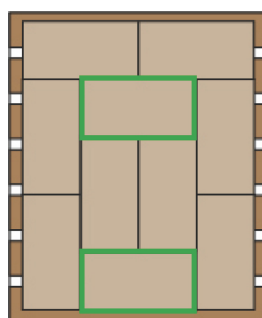
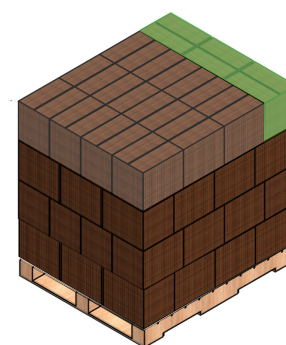# Flexible Pallet Building Options for a Variety of Product Types

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.
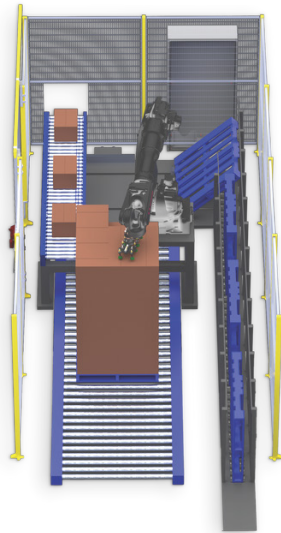
Custom Pick

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

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 Building	User Generated Via RebelPak Palletizing Wizard or Custom Developed
Pallet Formats	GMA, CHEP, PECO
Pallet Conveyance	MDR, Drag chain
Recipe Management	Custom, Pre-programmed

Let's talk solutions

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