



Professional Packaging Systems

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Contact

Our Packaging Experts
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Pearson RTL-HV Horizontal / Vertical Robotic Case Packer

At a Glance

- Up to 160 products per minute
- Loads products both horizontally and vertically
- Fast changeovers

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.



Pearson RTL-HV is a modular robotic case packer that can load products both horizontally and vertically. Optimized for light-weight flexible products such as bags, pouches or flow-wrapped items, the robotic case packer can reach speeds up to 160 products per minute for horizontal pack applications and 18 cases per minute for upright loading into retail-ready cases.

Vision and line tracking maximize machine performance and correct for product misalignment and variation. Advanced features such as high-visibility machine status lighting, remote access, non-contact interlocks, CAT-3 Safety Circuits, an easily accessible grace port and an auxiliary operator station are standard features.

Key Features

Fast Changeover: Fast changeovers are supported by the industry's most advanced HMI with an uncluttered design, intuitive navigation, interactive changeover and fault-recovery guides, live sensor maps, and advanced maintenance features. Scales, pointers and quick release handles ensure additional tools are not necessary. Trained technicians can complete a changeover in under 5min.

Adaptive Tooling: After receiving the product collation, the vertical end of arm tooling collapses and conforms to the product pattern in multiple axes for reliable containment.

Product Collation: Product is collated and pre-patterned prior to vertical end-of-arm tool loading. The position, orientation, overlap, and spacing between products are customizable for reliable loading.

Reliable Operation: Robot provides over 100,000 hrs MTBF minimizing maintenance while maximizing production.

Reliable Product Acquisition and Packing: Fanuc vision and line track technology corrects for product misalignment or size variation.

Superior Case Control: High friction side belt case conveyor provides positive case containment during the entirety of the horizontal packing sequence.

Convenient Dual Access to Machine: A remote operator station enables machine control on both sides of the conveyor.

Safety Redundancy with CAT 3: Dual channel safety circuit maintains integrity of safety features in case of single component failure.

Highly Reliable Non-Contact Interlocks: Eliminates misalignment of guard door interlocks which prevents problems common to keyed interlocks.

High-Visibility Machine Status: A standard four-light LED beacon and multi-color interior machine lighting provides high-visibility of machine status.

Easily Accessible Grace Port: Grace ports provide convenient communication access and 110V convenience outlet at the outside of the machine's electrical cabinet.

Remote Access Capability: Allows Pearson's support team on-demand access to the equipment's PLC and HMI through a secure VPN connection via an eWON router (ISECOM STAR and ISO27001 certified) to support emergency troubleshooting and reduce on-site visits.

Options

Air conditioner

Low temperature environment

Please [contact Pro Pac](#) or call 888-318-0083 for your case and tray packers.

Specifications

Speed	Up to 65/110/160 products per minute Up to 10/18 cases per minute Rates vary depending on number of robots
Min. Case Size	9"L x 4.5"W x 6"H Products weighing up to 2lbs
Max. Case Size	24"L x 14"W x 15"H Products weighing up to 2lbs
Operation	Robotic
Changeover	HMI graphical guided instructions Fast tool-free changeover and externally accessible adjustments 5 min (estimate for trained technician)
Construction	Mild steel Stainless steel
Controls	Allen-Bradley CompactLogix PLC Fanuc Robot Controller PackML Compliant PanelView Color HMI
Air Requirements	80 PSI
Power Requirements	460V / 3Ph / 60Hz
Case Support	Bliss display Bliss shipper CSSC FOL HSC RSC Standard tray Ultra-small case sizes

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