



Professional Packaging Systems

2010 S. Great Southwest Parkway
Grand Prairie, Texas 75051
www.ProPac.com

Contact

Our Packaging Experts
solutions@propac.com
888-318-0083

Pearson RRCE Random Robotic Case Erector

At a Glance

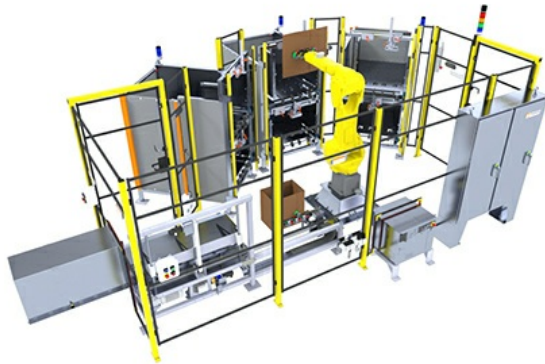
- Forms of up to six case sizes
- Up to 10 cases per minute
- Eliminates the need for multiple erectors

Buy your [boxes](#) from us, and get a discount on this Pearson case erector!

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.



Save Valuable Floor Space and Costly Changeover Time

Pearson's RRCE Random Robotic Case Erector reliably forms of up to six case sizes at speeds of up to 10 cases per minute in a single cell. This robotic case erector is flexible enough to accommodate multiple case sizes within a minimal footprint, randomly selecting the right case.

The RRCE eliminates the need for multiple erectors, which saves valuable floor space and costly changeover time. A vacuum end-of-arm tool uses articulated motion to pick and peel open cases, while the sealing station auto-adjusts to the case height and width.

Advanced features such as non-contact interlocks, CAT-3 Safety Circuits and an easily accessible grace port are standard on the cell. And, the cell comes with Pearson's user-friendly HMI and remote access capability. Ergonomic magazines can be reloaded without halting production.

Features

Random Case Selection: Easily-programmable pick sequence based on priority and quantity selections.

Miss-Pick Prevention: The knockdown pick-off uses an articulated motion to peel blanks off the magazine reducing required pull force to avoid miss-picks.

Reliable Opening of Knockdowns: A dual opposed vacuum force reliably opens the knockdown by grasping the case from both sides simultaneously to prepare the case forming.

Consistently Square Cases: Synchronized dual chain drive transports case through closing and sealing section ensuring completed cases are square as they exit the machine.

Flexible Addition of Magazines: Up to three dual stacked powered magazines support ergonomic restocking without disrupting production.

Zero Minute Changeover: Multiple magazines and random picking eliminate the need for changeovers.

Highly Reliable Non-Contact Interlocks: Eliminates misalignment of guard door interlocks which

prevents problems common to keyed interlocks.

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

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

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

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.

Upgrade Options

Additional Dekka 23 Soft Touch Tape Head: Tape sensing and tape assist are offered separately.

Lighted E-Stop: Emergency stop light flashes when the button is depressed and both e-stops are lighted. Light only flashes on the e-stop that is depressed.

Tape Sensing: Sensors detect fail-to-apply, fail-to-cut and low tape situation.

Specifications of the RRCE

Speed	Up to 10 cases/min
Case Support	HSC RSC
Min Case Size	8"L x 6"W x 3"H
Max Case Size	24"L x 16"W x 18.5"H
Operation	Robotic
Sealing	Tape
Changeover	Zero - operation does not require changeover
Construction	Mild steel
Machine Size	22'L x 15'W x 11'H
Controls	Allen-Bradley CompactLogix PLC PackML Compliant PanelView Color HMI
Air Requirements	80 PSI
Power Requirements	460 VAC
Disconnect Sizes	30 Amps
Full Load Amp of Base Machine	31.8 Amps
Air Consumption	0.85 SCF/Cycle
Case Support	HSC RSC

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