



Professional Packaging Systems

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Pearson CE50-UG Case Erector

At a Glance

- Reliably form small to ultra-small and unstable cases
- Up to 50 cases per minute
- Servo-controlled major motions

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.



Features

The Pearson CE50-UG Case Erector is optimized to reliably form small to ultra-small and unstable cases at rates of up to 50 cases per minute. Its proven design uses servo motors on all major motions. Advanced features such as high-visibility machine status lighting, non-contact interlocks, CAT-3 Safety Circuits and an easily accessible grace port are standard on the machine.

Features

Reliable Positioning for Picking: Reliably positions the knockdowns for accurate introduction into the machine. Ergonomic height reduces operator fatigue.

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.

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 8min.

Optimal Case Control: Horizontal case forming, closing and sealing provides optimum case control at high speeds.

Minimal Air Consumption and Maintenance: Fully servo controlled movements for minimized air consumption, reduced wear and maintenance and maximum reliability.

Reliable Closing and Sealing: Case position is being controlled during flap folding providing accurate folding at the score lines.

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.

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.

Options

Air conditioner

Extended magazine

Glue on demand system

High-capacity adhesive feeder

Low temperature environment

Plant level ethernet connection

Portability

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

Specifications

Speed	Up to 50 cases/min
Min. Case Size	5"L x 3.5"W x 3.75"H Extended case size range available
Max. Case Size	16"L x 12"W x 14"H Extended case size range available
Sealing	Hot melt glue
Operation	Servo
Changeover	Manual, supported by HMI graphical guided instructions and changeover map, scales, pointers, and quick release handles 10 min (estimate for trained technician)
Construction	Low Pressure Washdown Mild Steel Stainless Steel
Machine Size Range (ft)	20'L x 8'W x 8'H
Controls	Allen-Bradley CompactLogix PLC PackML Compliant PanelView Color HMI
Air Requirements	80 PSI
Power Requirements	460 VAC
Disconnect Sizes	60 Amps
Air Consumption	0.988 SCF/Cycle
FLA (Full Load Amp) of Base Machine	46 Amps
Case Support	HSC RSC RSC with integral divider Ultra-small case sizes

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