



Professional Packaging Systems

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Contact

Our Packaging Experts
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Pearson CS40 Case Sealer

At a Glance

- 40 to 67 cases per minute
- Fully-automatic
- Seals with tape or hot melt glue

Buy your [case sealing tape](#) or hot melt glue from Pro Pac, and get a discount on this Pearson case taper!

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.



Fully Automatic Case Sealing Up to 67 per Minute

Pearson CS40 case sealers are fully-guarded, and available in either mild or stainless steel construction. The CS40 top seals a wide-range of case sizes with hot melt glue at speeds of 40 to 67 cases per minute depending on case length.

A convenient bypass option eliminates the need for additional conveying when pre-sealed boxes or HSCs are introduced into the line. Advanced features such as high-visibility machine status lighting, non-contact interlocks, CAT-3 Safety Circuits, an easily accessible grace port and an auxiliary operator station are standard on the machine.

Features

Optimal Case Infeed Gaps: A built-in metering stop creates gaps between cases without the need to adjust infeed conveyor speed for each case.

Case Squareness Protection: Spring loaded synchronous compensating side belts and squaring wheels ensure cases remain square throughout the closing and sealing process.

Secure Glue Bond: Urethane compression wheels guarantee a secure glue bond prior to the case exiting the machine by providing variable, regulatable pressure for compressing the glue lines.

Detect Tape Related Errors: Sensors detect fail-to apply, fail-to-cut and low tape situation.

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 3min.

Reduced Air Consumption, Less Maintenance, Higher Speeds: Servo-controlled trailing flap kicker increases speed, component longevity and reduces expensive air consumption by replacing air cylinders.>

Bypass Option for Pre-Sealed Boxes or Without Tops: No need to build by-pass conveyors when running cases not requiring sealing.

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.

Convenient Dual Access to Machine: An auxiliary 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

Additional tape head

Air conditioner

Bottom tape

Glue on demand system

High-capacity adhesive feeder

Low temperature environment

Oversized and undersized case support

Plant level ethernet connection

Portability

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

Specifications

Speed	40 to 67 cases/min
Min. Case Size	8"L x 5"W x 4.75"H Extended case size range available
Max. Case Size	24"L x 16"W x 18.5"H Extended case size range available
Sealing	Hot Melt Adhesive Tape
Operation	Servo
Changeover	Manual, supported by HMI graphical guided instructions and changeover map, scales, pointers, and quick release handles. 3 min (estimate for trained technician)
Construction	Low pressure washdown Mild steel Stainless steel
Machine Size Range (ft)	11 - 14.5'L x 5'W x 5'H
Controls	Allen-Bradley CompactLogix PLC PackML Compliant PanelView Color HMI
Air Requirements	80 PSI
Power Requirements	460 VAC
Disconnect Sizes	30 Amps
Air Consumption	Glue: 0.100 SCF/Cycle Tape: 0.046 SCF/Cycle
FLA (Full Load Amp) of Base Machine	Glue: 25.2 Amps Tape: 15.1 Amps
Case Support	CSSC FOL RSC

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