



Professional Packaging Systems

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Contact

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Pearson BF40 Bliss Former



At a Glance

- Up to 40 cases per minute
- Active forming section and positive glue compression
- Powered end panel magazines

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.

Optimal for Smaller Case Ranges to Achieve High Rates

The Pearson BF40 Bliss Former forms a wide variety of sturdy shipper and display-ready three-piece bliss box designs at rates up to 40 cases per minute using field proven technologies in controls, pneumatics, vacuum systems, and motion. The BF40 is optimal for smaller case ranges to achieve high rates. For high-speed operations an optional high-capacity Automatic Stack Transfer System is available. 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.

Pearson BF40 bliss formers produce a wide variety of shipper and display-ready 3-piece bliss boxes. Using field proven technologies in controls, pneumatics, vacuum systems, and motion, these machines produce boxes at speeds up to 30 per minute.

Features

Proper Positioning of Blanks: Gravity fed magazine ensures that each blank is in proper position for picking without having to worry about proper angles and placement of boards.

Reliable Infeed: Gravity fed magazine ensures that each blank is in proper position for picking without having to worry about proper angles and placement of boards.

Reliable Glue Compression and Square Cases: The active forming section ensures consistent glue compression by impacting the gluelines as opposed to squeegee/smeared.

Small Footprint: Vertical case forming eliminates having to reposition the orientation of the box for introduction onto the customer's conveyor resulting in a smaller footprint of the machine.

Toolless Changeover Supported by User-Centric HMI: 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. A trained technician can complete a changeover in under 45min.

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

Custom case range

Extended end panel magazine

High-capacity stack transfer system

High-capacity adhesive feeder

Low temperature environment

Plant level ethernet connection

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

Specifications

Speed	Up to 40 cases/min Speed depends on bliss size
Min. Case Size	8"L x 8"W x 4"H Extended case size range available
Max. Case Size	20"L x 20"W x 12"H Extended case size range available
Sealing	Hot melt glue
Changeover	Manual, supported by HMI graphical guided instructions and changeover map, scales, pointers, and quick release handles 45 min (estimate for trained technician)
Construction	Low pressure washdown Mild steel Stainless steel
Machine Size Range (ft)	12'L x 13'W x 8'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	1.51 SCF/Cycle
FLA (Full Load Amp) of Base Machine	34 Amps
Case Support	Bliss shipper

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