



Professional Packaging Systems

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Contact

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Pearson BI25 Bag Inserter



At a Glance

- Up to 25 cases per minute
- Mandrel design for provides bag placement
- 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.

Smooth and Precise Bag Placement of Plastic Bags from Roll Stock

Pearson's BI25 is a servo-driven bag inserter operating at speeds of up to 25 cases per minute. Despite its small footprint, the BI25 offers advanced design features that guarantee smooth and precise bag placement and handling of perforated plastic bags from roll stock. Furthermore, high-visibility machine status lighting, non-contact interlocks, CAT-3 Safety Circuits, easily accessible grace port and an auxiliary operator station are standard features on the machine.

Key Features

Positive Bag Opening: Opposing vacuum plenums ensure consistent bag opening by grasping both sides of the bag simultaneously and pulling them in opposite directions.

Reliable Bag Placement and Cuffing: Vacuum plenums hold the bag in position in relation to the top of the case as the bag is pushed to the bottom of the case. Cuffing fingers are activated to contain the top perimeter of the bag as the vacuum releases and the cuffing fingers descend.

No Static Cling: Anti-static bars dissipate built-up static electricity to allow for fast feeding of bags into position for placement.

Higher Speed, Less Maintenance, Reduced Air Consumption: Servo-controlled design improves bag handling versatility, increases component longevity and reduces expensive air consumption by replacing air cylinders.

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 20min.

Ergonomic Bag Roll Replacement: A standard hydraulic bag roll lift cart enables simplified, ergonomic replacement of heavy bag rolls.

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

Fitted conveyor

Fitted mandrel

Low temperature environment

Oversized and undersized case support

Plant level ethernet connection

Portability

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

Specifications

Speed	Up to 25 cases/min
Min. Case Size	9.5"L x 9.5"W x 10"H Extended case size range available
Max. Case Size	24"L x 17"W x 24"H Extended case size range available
Operation	Servo
Changeover	Manual, supported by HMI graphical guided instructions and changeover map, scales, pointers, and quick release handles 20 min (estimate for trained technician)
Construction	Low pressure washdown Mild steel Stainless steel
Machine Size Range (ft)	6'L x 8'W x 9'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	0.26 SCF/Cycle
FLA (Full Load Amp) of Base Machine	38 Amps
Case Support	Bliss shipper FOL HSC RSC Tablock RSC

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