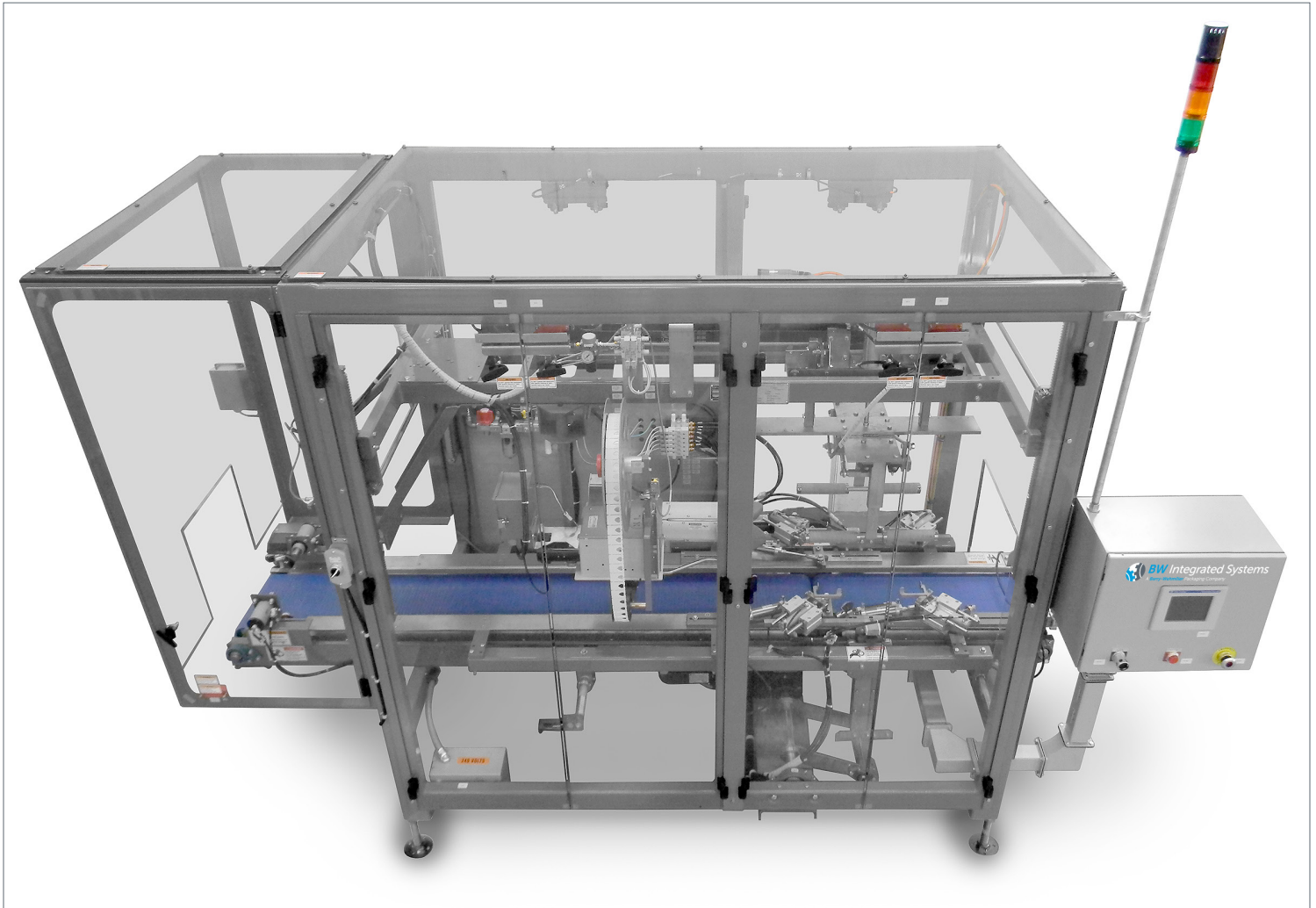




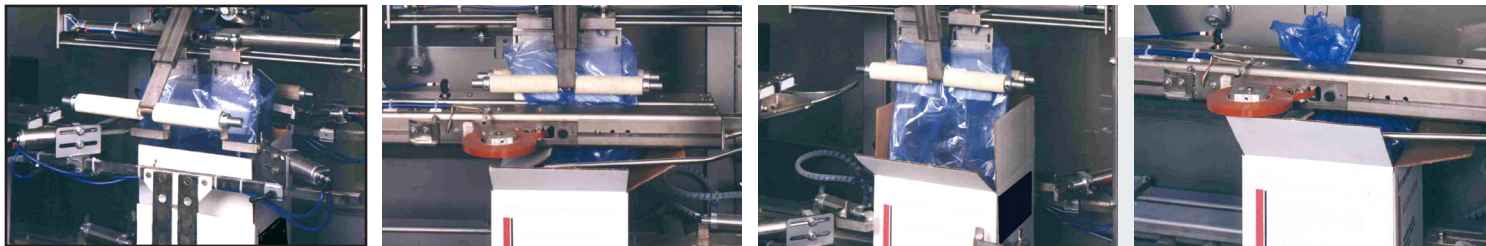
Series 1579 High Speed Bag-in-Box Uncuffer-Closer



BW Integrated Systems' fully automatic Series 1579 High-Speed Uncuffer / Closer uncuffs a filled polyethylene bag from a corrugated case, gathers the bag, and applies a polypropylene tape or plastic clip closure to the neck of the bag.

The series is fully automatic and ideal for bulk packaging granular, powdered, flaked, solid and liquid products in a variety of container and bag sizes, the 1579 Uncuffer/ Closer is designed for use in food, chemical, detergent, and other industries that package products in corrugated containers with poly bag inserts.

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Sequence of Operation

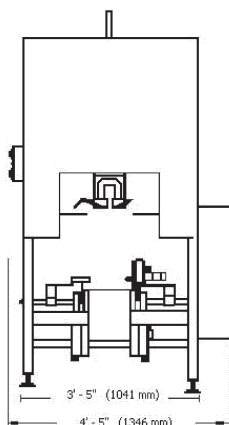
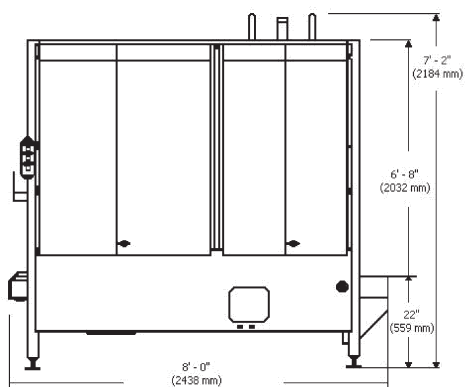
Once the bag is uncuffed (servo-driven uncuffing head), gusset tuckers form the bag and rubber lined grippers come in to secure the bag for transfer (servo-driven bag transfer system).

When the bag is secured it is transferred to the tape or plastic clip closure station for closure, then major flaps are deflected downward for clearance of the closing section.

In the closing station, the bag clamp mechanism is released after the case is positively positioned for applying tape or plastic clip. The bag clamp mechanism returns to secure another container while the tape or plastic clip is being applied. This two-station concept allows speeds of up to 20 BPM (dependent upon container size).

A set of gathering fingers (inside tubes) gathers the bag in a tight neck for tape or plastic clip application. The tape or plastic clip is applied and cut as the container moves out of the machine and into a top case sealer.

Contact our experienced sales teams today for a comprehensive review of your application(s) and to see how our Series 1579 High-Speed Bag-in-Box Uncuffer-Closer can benefit your company.



All sales are subject to our prevailing terms and conditions. Illustrations and specifications are subject to change without notice. Machines shown without guards are for illustrative purposes only. Guards are supplied and must be in place before operation.

Features

- Completely automatic - eliminates bag uncuffing / folding by hand
- Positive mechanical uncuffing with four corner contact, which eliminates the use of air to uncuff the bag
- Case monitoring photo-eyes prevent the jamming and damaging of case
- Servo-driven conveyor for precise case handling
- Servo uncuffing head and bag transfer system
- Allen-Bradley Logix Series PLC
- Allen-Bradley PanelView HMI
- Tape or plastic clip bag-closing system

Specifications

Speed

Up to 20 cases per minute, dependent upon case size

Total Case Size Range

Length: 7" - 22" (178-560 mm)

Width: 9½" to 15½"
(241-394mm)

Depth: 16" (407 mm) max.

Depth + Flap: 9" (229 mm) min.

Max. L - W: 6" (152 mm)

Based on 4" to 6" (101-152 mm) bag above flap and 3" to 5" (76-127 mm) cuff with a 1" double cuff.

Power Requirements

Input Power: 240/480 V, 3 phase, 60 Hz

Max. Draw: 240 volts = 3.1 amps
480 volts = 1.5 amps

Air Requirements

Operating Pressure: 80 psi (5.4 Atm)
Free Air

Consumption: .9 cu. ft. (25.4 liters) free air per cycle