

## Bag-in-Box Uncuffer / Folder

### Series 1578 Bag-in-Box Uncuffer / Folder



#### Key Features

- Completely automatic - eliminates operator from handling bag
- Positive mechanical uncuffing with four corner contact - assure consistent uncuffing around case
- Case monitoring photo-eyes prevents jamming and damage to case
- Simple, accurate PLC control system monitors and directs the operation of the machine; increased up-time, faster and easier troubleshooting and maintenance
- Allen-Bradley Logix series PLC
- Allen-Bradley PanelView HMI

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The Series 1578 Bag-in-Box Uncuffer / Folder is part of the Bulk-Pak® Product Line, Thiele Technologies' fully automatic bag-in-box packaging system. It is designed to uncuff a filled polyethylene bag from a corrugated case and fold the bag in over the top of the product.

Bulk-Pak Systems are ideal for bulk packaging granular, powdered, flaked, solid and liquid products in a variety of container and bag sizes. The 1578 Uncuffer / Folder is designed for use in food, chemical, detergent, and other industries that package products in corrugated containers with poly bag inserts.

### Sequence of Operation

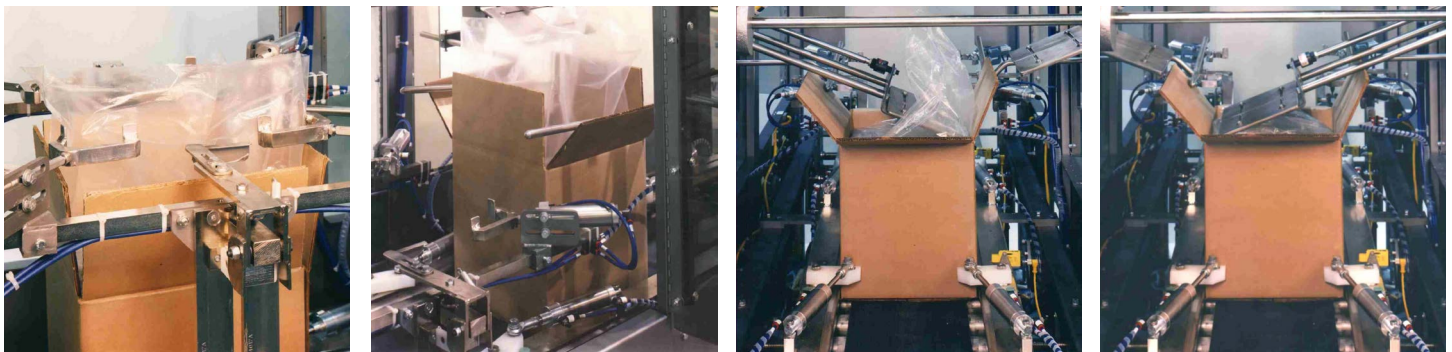
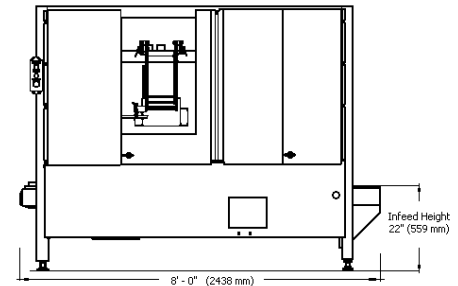
Mechanical uncuffing fingers secure the bag for upward uncuffing. Air blast is not used due to possible contamination of product.

The bag is transferred to the folding station, where major flaps are guided down to allow proper clearance for the folding plows to close the bag.

The first bag fold is pneumatically actuated and adjustable to fit the container and bag dimensions. This fold puts the first layer securely over the product.

The final bag fold is also pneumatically actuated and completely folds the second layer of the bag over the product. After the final fold, the container is released to a top sealer.

Specifications	
<b>Speed</b>	
Up to 10 cases/min, dependent on case size	
<b>Total Case Size Range</b>	
Length	7" to 22" (178 - 560 mm)
Width	9½" to 15½" (241 - 394mm)
Depth	16" (407 mm) maximum
Depth + Flap	9" (229 mm) minimum
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	
<b>Power Requirements</b>	
Input Power	240/480 V, 3 phase, 60 Hz
Maximum Draw	240 volts = 3.1 amps 480 volts = 1.5 amps
<b>Air Requirements</b>	
Operating Pressure	80 psi (5.4 Atm)
Free Air Consumption	.9 cu. ft. (25.4 liters) free air per cycle



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.