

## BOTTLE UNSCRAMBLERS

# PB/SERIES

## Parallel Belt & Hook Container Unscrambling Systems

The PB/Series is designed and manufactured and comes in either Model S/PB or Model M/PB styles. All-Fill Unscramblers are well built for long lasting, consistent operation and offer a variety of bulk hopper/elevator sizes to suit your specific bottle size range and speed.

This 'belt & hook' style system has a low profile design with quick, easy and repeatable changeovers. Tool-less container size change adjustments and touchscreen recipes result in an effortless changeover. Auto-reversing disc pre-sorter feature automatically clears any misfed containers allowing for a continuous and smooth operation without operator interference. The PB/Series is safe to operate, simple to maintain and easy to understand. Each All-Fill Unscrambler can be easily configured and upgraded to ensure the right end solution.



### SPECIFICATION SUMMARY:

<b>Size Requirements:</b>	Model S/PB: suitable for containers up to 3" diameter or width wide and 7.5" tall Model M/PB: suitable for containers up to 8" diameter or width wide and 15" tall
<b>Production Rates:</b>	Speeds up to 400 per minute depending on container and machine model
<b>Container Changeover:</b>	Tool-less changeover, reference scales standard
<b>Machine Dimensions:</b>	Model S/PB: as small as 57x58 footprint with bulk hopper, Model M/PB: As small as 81" x 62" footprint with bulk hopper
<b>Controls:</b>	PLC and color touchscreen standard, discharge backlog sensor, all motors are variable speed
<b>Electrical Requirements:</b>	Model S/PB: 110 volt, Single Phase, 60 hertz or Model M/PB: 220volt, single phase, 60 hertz
<b>Pneumatic Requirements:</b>	80-90 PSI
<b>Construction:</b>	Stainless steel with acrylic access doors
<b>Options:</b>	Bulk hoppers 4ft³ to 100ft³, AC Drives standard on most models, ionized air rinser, air rinse vacuum collection, casters for portability, stack light, dust cover packages,

## COMMON BOTTLE UNSCRAMBLING APPLICATIONS:



*Spray Bottles*



*Drink Containers*



*Hand Pump Containers*



*Spice Containers*



*Detergent Containers*



*Toilet Cleaning Bottles*



*Pill Bottles*



*Nutraceutical Containers*



*Squeeze Bottles*



*Dish Soap Bottles*



*Tall Containers*



*F-Style Bottles*



*Square Bottles*



*Deodorant Containers*



*Handled Containers*



*Cosmetic Jars*

## ADDITIONAL MODEL DETAILS:



### **PB SERIES:**

Our PB Series style unscrambler can be offered in various sorting bowl sizes to suit container size and speed to best suit your application. Round, oval, square, off-set neck, F-style handle and other shapes can be handled, depending upon specific model.



### **BULK HOPPERS OPTIONS:**

Separate, free-standing, bulk hopper/elevator offered from 4 cubic feet to 100 cubic feet with full dust cover package and bin low level sensor with stack light to alert operator.

### **WORLD-CLASS SERVICE & SUPPORT:**

We understand downtime and its effect on your bottom line. Packaging machinery is only as strong as its service and support system. If you run into challenges, All-Fill's Service team consists of 15 full time service employees with over 150 years of combined experience in the packaging industry. Our team can train, install, and troubleshoot any All-Fill machinery. We service domestically and in our international territories: Canada, Central and South America, India, China and Australia. Contact our Service team at [Service@all-fill.com](mailto:Service@all-fill.com).

### **PARTS SUPPORT:**

All-Fill machines are designed using the most innovative controls and the highest quality parts and components. All-Fill has an unmatched ability to identify and resolve issues that may arise with your machine. Our parts department provides quality support in a timely manner to reduce your downtime and stocks most parts for quick delivery. From mechanical assemblies, electronic components, tooling, machine accessories and software, we have the parts you need. Contact our Parts Department at [AFI-parts@all-fill.com](mailto:AFI-parts@all-fill.com).

### **INTERNATIONAL INQUIRIES:**

All-Fill's packaging machinery is available worldwide for almost any product and industry. Our more than 50 years of engineering expertise combined with our industry leading field support makes us a leader in the industry. We design, manufacture, install and service machinery with maximum accuracy and reliability. Our global presence means uncompromising service and support, no matter what or where your needs are. Reach out today to discuss your project with our international sales team. Contact us at [info@all-fill.com](mailto:info@all-fill.com).

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