

# BOTTLE UNSCRABLERS MODEL/P

**Compact, Beltless Bottle  
Unscrambling Machine Ideal for  
Facilities with Limited Space.**

The Model P, formerly known as the Palace Packaging Compact model, is ideal for operations with limited space or integrating with existing packaging lines. It's versatile, compact design feeds many shapes and sizes of bottles. It has the smallest footprint of any unscrambling machine with an internal bulk hopper. The Model P uses a starwheel for consistent and accurate container orienting. Containers are discharged onto a conveyor or directly into starwheels, pocket wheels or pucks.

A low profile system features quick, easy and accurate changeovers with fewer changeover adjustments than traditional 'belt & hook' unscrambler designs. Auto-reversing disc pre-sorter and multi-purpose sensors make for a trouble free and technician free operation. Bottle contact parts are constructed of FDA approved materials, primarily stainless steel. The Model P is safe to operate, simple to maintain and easy to understand and install.



## SPECIFICATION SUMMARY:

<b>Size Requirements:</b>	Suitable for containers up to 5.5" diameter or width wide and 9" tall
<b>Production Rates:</b>	Speeds up to 100 per minute
<b>Container Size Changeover:</b>	Tool-less changeover, reference scales standard
<b>Machine Dimensions:</b>	As small as 43" x 40" footprint with bulk hopper
<b>Controls:</b>	PLC and color touchscreen, discharge backlog sensor
<b>Electrical Requirements:</b>	120 volt, Single Phase
<b>Pneumatic Requirements:</b>	80-90 PSI
<b>Construction:</b>	Stainless steel with acrylic access doors
<b>Options:</b>	Ionized air rinser, air rinse vacuum collection, left or right hand bottle discharge direction, class 100-autoclavable contact parts, casters for portability, stack light

## COMMON BOTTLE UNSCRAMBLING APPLICATIONS:



Pill Bottles



Drink Containers



Nutraceutical Containers



Spice Containers



Tall Containers



Square Bottles



Plastic Vials & Tubes



Liquid Drop Containers



Small Spray Bottle

## ADDITIONAL MODEL DETAILS:



### INTERNAL BULK HOPPER/ELEVATOR:

All machine operations are internalized. Unscrambler frame, including product bulk hopper/elevator, resulting in compact design.



### CONTAINER ORIENTING STARWHEEL:

Container orienting starwheel with chute change parts. No belts centralized with effortless tool-less changeover.

### 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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