

CUP FILLERS

PR/SERIES

Rotary Plunger Cup Filling Machine

The PR/Series Volumetric Cup Filler delivers high-speed filling of products such as chewing tobacco and synthetic tobacco into tins with consistent, reliable performance. Engineered for precise volumetric dispensing, it ensures uniform fills across demanding production environments. A volumetric plate is filled with product and gently leveled before being transferred into the container. As containers rotate through the filling cycle, pneumatic plungers compress the product to achieve a clean, level fill with minimal waste. Built for efficiency and repeatability, the PR/Series integrates seamlessly into complete packaging lines or can operate as a standalone system, providing dependable performance for high-volume applications.



SPECIFICATION SUMMARY:

Construction:	Painted aluminum base, Anodized aluminum, Stainless steel contact parts, all stainless available
Production Rates:	Speeds ranging up to 120 CPM, depending upon amount of pockets.
Controls:	Embedded controller, 10.00" Color touch screen HMI
Control Features:	Individual control of all settings, alphanumeric product naming, Containers per minute readout, individual control of all settings, Users / Maintenance / Supervisor Login, Statistical analysis of a shift run
Hopper Capacity:	Possibly remove, complex infeed system
Storage:	100 product Memory
Electrical Requirements:	220V /3ph/60HZ (standard other voltages available)
Pneumatic Requirements:	Need to check with engineering
Changeovers:	Fix mounted - tools required
Options:	Product Level Sensor, Conveyor with indexing/automation may require container lift, Nylon coating and dimpled contact surfaces available, Statistical package (USB), various washdown and sanitary designs, heavy duty vibrator, product level control to signal infeed device, integration with OEM, 316 stainless steel contact and quick removal parts available,

CONFIGURATIONS TO FIT YOUR NEEDS:

When higher packaging speeds, versatility, and accuracies are required the fully automatic, PR/Series sets the pace. Standard PLC controls, and touch screen interface, this system is designed to run flawlessly in production requirements up to 120 CPM. Using the latest Allen-Bradley PLC based controls, the PR/Series shares the benefits of multiple product recipe storage, easy operation set up.

COMMON APPLICATIONS:



Tobacco Products



Tobacco Products



Tobacco Products

ADDITIONAL MODEL DETAILS:



INFEEED DETAIL:

In-line conveyors with indexing capabilities can be added to create a fully automated filling system.



CUSTOM CONFIGURATIONS:

Infweed hopper mounted product level control sensor for controlling infweed systems



10 INCH COLOR HMI SCREEN:

10" Human Machine Interface(HMI) allows the operator to create, store, edit and recall 100 unique product recipes for a variety of filling applications.



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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.

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.

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.

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