

# CUP FILLERS

# SC/SERIES

## Standard Cup Filling Machine

All-Fill's line of Volumetric Cup Filling Systems offer an economic, high quality solution for filling dry free flowing products. The SC/series cup filler can accurately dispense free-flow products such as rice, popcorn, pecans, seeds, candy and more. Fill weights from .25oz to 15lbs can be achieved at speeds up to 120 per minute. Easily removable volume cups and servo position control are standard features on this line. With standard PLC controls, touch screen interface, and an integral servo gearmotor, this system is designed to run flawlessly in production requirements up to 120 CPM.

The All-Fill SC/series Cup Fillers are equipped with servo technology that surpasses the competition and meets your needs. Additionally, the All-Fill line is manufactured with all stainless steel and other approved product contact parts to meet packaging regulation in all industries. Operators can expect a durable long lasting machine that will time-in and time-out bring profit to your bottom line.



### SPECIFICATION SUMMARY:

|                                 |   |
|---------------------------------|---|
| <b>Construction:</b>            | Painted aluminum base, Anodized aluminum, Stainless steel contact parts   |
| <b>Production Rates:</b>        | Speeds ranging up to 120 CPM, depending on amount of cups.  |
| <b>Controls:</b>                | Embedded controller, 7.00" Color touch screen HMI, foot pedal initiation  |
| <b>Control Features:</b>        | 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,  |
| <b>Hopper Capacity:</b>         | Supply hopper capacity of 16 gal., other options available: hopper extensions and covers  |
| <b>Changeovers:</b>             | Thumbscrews for quick access to product contact   |
| <b>Machine Dimensions:</b>      | Need from engineering-standard VCSV600 dims   |
| <b>Storage:</b>                 | 100 product Memory  |
| <b>Electrical Requirements:</b> | 220V /1ph/60HZ (standard other voltages available)  |
| <b>Pneumatic Requirements:</b>  | None  |
| <b>Options:</b>                 | Vibratory pan infeed, Single or dual discharge, Servo cup position control, Conveyor with indexing/automation may require container lift, Nylon coating and dimpled contact surfaces, Statistical package (USB), various washdown and sanitary designs, Variety of fill accessories, nozzles or chutes, additional cups for increased production, product level control to signal infeed device, hopper cover, integration with OEM, 316 stainless steel contact and quick removal parts available, bag clamp |

## CONFIGURATIONS TO FIT YOUR NEEDS:

When higher packaging speeds, versatility, and accuracies are required, the fully automatic, servo driven SC/Series sets the pace. Standard PLC controls, touch screen interface, and integral servo gearmotor, this system is designed to achieve rates of up to 120 counts per minute, depending on number of cups and discharges. Using the latest Allen-Bradley PLC based controls, the SC/Series shares the benefits of multiple product recipe storage, easy operation set up, and cup volume control - when being integrated with a checkweigher or scale.

## COMMON APPLICATIONS:



Pet Food



Pretzel Nuggets



Beans & Legumes



Coffee



Coated Gummies



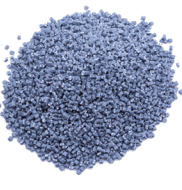
Pasta Products



Tobacco Products



Grain Products



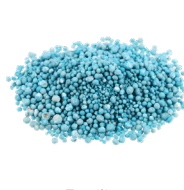
Plastic Granules



Chickpeas



Raisins



Fertilizers



Hop Pellets



Flake Spices

## ADDITIONAL MODEL DETAILS:



### **VARIETY OF CUP CONFIGURATIONS:**

Single piece, telescoping or dual discharge options are available.



### **CONVEYING/INDEXING:**

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



### **SEMI-AUTOMATIC STANDARD:**

For semi-automated operations, the SC/Series can run using a footswitch initiation.



### **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.

### **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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Auger Fillers | Vibratory Fillers | Cup Fillers | Piston Fillers | Checkweighers | Vertical Form Fill & Seal Baggers | Labelers | Unscramblers | Cappers