

AUGER FILLERS

CF/SERIES

Semi-Automatic Compact Auger Filler for Benchtop Operating

All-Fill's CF/Series Auger Filler ensures fast, accurate, and reliable auger filling of small amounts of dry products for table or benchtop filling. This design is ideal for pharmaceutical and pilot startup applications. The auger is operated by a high performance, brushless servo motor. This servo motor provides precise, controlled movement of the auger to dispense the desired amount of product. Fully configurable motor operating parameters provide user selection of motor speed, acceleration and deceleration rates. Servo motor technology is ideal for fill-by weight applications that require multiple auger speeds, pauses, and feedback signals from scales. Users can manage throughput via easy programming of the auger profile.



MODEL	Integrated Scale	Servo Motor
MODEL/CF	—	●
MODEL/CF/S	●	●

SPECIFICATION SUMMARY:

Construction:	Stainless steel construction. Stainless steel product contact parts.
Production Rates:	Speeds dependent on product characteristics and operator.
Controls:	PLC-controlled system. 7.0" color touchscreen HMI Foot pedal initiation.
Control Features:	Individual control of all machine settings. Alphanumeric product recipe naming. Tri-clamp (Tri-Clover® compatible) connections. Containers-per-minute display. Automatic tare (when equipped with scale). Optional user access levels: Operator, Maintenance, Supervisor. Shift statistical analysis.
Hopper Capacity:	3-gallon stainless steel hopper. Designed to maintain consistent head pressure for accurate filling. Optional hopper extensions and covers available.
Storage:	Stores up to 100 product memory recipes.
Electrical Requirements:	115V, 50-60 Hz. Other ratings available upon request.
Changeovers:	Primarily toolless for fast and efficient changeover.
Options:	Statistical package (USB). 316 stainless steel contact parts and quick-removal components. Bag clamp. Product level sensor. Scale integration.

CONFIGURATIONS TO FIT YOUR NEEDS:

All-Fill's CF/Series Compact Filler's components are mounted on a freestanding, fabricated frame for tabletop or lab bench operation. Rugged drive components provide years of maintenance-free operation. Stainless Steel hopper, agitation blade, and components provide proper sanitary conformance requirements. The auger is operated by a high performance, brushless servo motor which provides precise, controlled, movement of the auger to dispense the desired amount of product. Offers a touchscreen Programmable Logic Controller (PLC) based control system which computes all relevant parameters (such as auger RPM and revolutions) internally, so the operator does not have to make calculations or complex entries. An intuitive touchscreen control screen puts essential functions at the user's fingertips. Test and calibration screens simplify maintenance. Set-ups for products fill weights are easily stored and recalled.

COMMON APPLICATIONS:

- Ground & Whole Bean Coffee
- Detergent Powders
- Ground & Flake Spices
- Flours
- Plastic Granules
- Jimmies & Sprinkles
- Sugars
- Rice & Grains
- Cosmetics Powders
- Food Powders
- Dairy Powders
- Protein Powders
- Seeds & Fertilizers
- Cat Litter
- Talc Powders
- Household Chemicals
- Toner Powders
- Cement Powder
- Pharmaceutical Powders
- Industrial Chemicals
- Salt
- Powdered Drink Mixes
- Infant Formula
- Agricultural Chemicals
- Pet Foods

ADDITIONAL MODEL DETAILS:



7 INCH COLOR HMI SCREEN:

The 7" Human Machine Interface (HMI) allows operators to create, store, edit, and recall up to 100 unique product recipes, supporting a wide range of filling applications.



CABINET BASE OPTIONS:

Designed for direct mounting onto equipment such as vertical form fill and seal machines or cup filling systems. Custom integration with product infeed systems is available, including user-defined level control signaling for seamless product replenishment.



SCALE FOR NET WEIGH FILLING:

Integrating an inline scale enables higher accuracy and improved consistency in production.



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