

AUGER FILLERS

B/SERIES

Semi-Automatic Auger Filler with Enhanced Controls

All-Fill's B-Series Auger Filler uses advanced, flexible technology to provide fast, accurate, and consistent filling of both free-flowing and non-free-flowing powders and granular products. Standard models feature a rugged cast aluminum head containing the drive components, supported by an aluminum column mounted on a painted aluminum base. All-Fill's semi-automatic models can be seamlessly integrated with conveying and indexing packages as well as packaging equipment such as vertical form-fill-seal machines, cup fillers, and thermoformers. They can also be used for stand alone bench-top filling. Standard configurations can also be easily customized to meet specific production and application requirements.



MODEL	Upgraded Controls	Servo Motor
MODEL/B	No Controls	—
MODEL/B/600	●	—
MODEL/B/600/SV	●	●

SPECIFICATION SUMMARY:

Construction:	Stainless steel product contact parts. Standard painted aluminum bench or floor base. Available with or without lockable casters. Optional direct mounting on form-fill-seal machines and other packaging line equipment. One-piece stainless steel head cover. Rugged head casting with stable cast base. 3-speed fill motor drive system.
Production Rates:	Speeds dependent on application and operator.
Controls:	PLC-controlled system. 7.0" color touchscreen HMI. Foot pedal initiation.
Control Features:	Self-aligning, quick-disconnect hopper coupling for fast cleaning and product changeover. Individual control of all machine settings. Alphanumeric product recipe naming. Containers-per-minute display. Automatic tare function. User access levels: Operator, Maintenance, Supervisor. Shift statistical analysis. Drive System: 3-step belt drive with a 1.5 HP, 1200 RPM fill motor. Integral electromagnetic clutch brake for precise shaft control.
Hopper Capacity:	10-gallon or 16-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:	Fill Motor Input: 208/230/460V; 3-phase; 60 Hz. Standard Controls: 115V 50-60 HZ. Other ratings available upon request.
Changeovers:	Primarily toolless for fast and efficient changeover
Options:	Hopper cover. Bag clamp. Product level sensor. Portable frame with jack assembly. Statistical package (USB). 316 stainless steel contact parts and quick removal components. OEM integration capabilities. Hopper level controls (high/low detection with external equipment signaling). Product level control for infeed device integration. Integration with container handling systems.

CONFIGURATIONS TO FIT YOUR NEEDS:

All-Fill's semi-automatic auger fillers are engineered for versatility across a broad range of applications, handling free-flowing and non-free-flowing powders, granular materials, and optional liquid tooling for viscous products. Each machine is built with a heavy-duty cast aluminum drive assembly that encloses the main components, paired with a stainless steel column and mounted on a durable aluminum base for long-term reliability. Multiple PLC-based control options are available, all featuring user-friendly touchscreen interfaces to simplify operation and enhance accuracy. All-Fill's semi-automatic auger fillers can be easily integrated with a variety of packaging systems, including vertical form-fill-seal machines, cup fillers, and thermoformers, or used independently for benchtop and standalone filling applications. Configurations are highly adaptable, allowing the equipment to be tailored to meet specific production needs.

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 OPTIONS:



MODEL B/600/SV:

Features a brushless DC servo motor mounted directly to the auger drive shaft, eliminating the need for a clutch brake, belts, pulleys, and other wear-prone components. This design reduces maintenance requirements and enhances overall reliability.



VARIETY OF BASE OPTIONS:

Available in standard steel or painted configurations. An optional painted mild steel support frame includes a 7" travel jack assembly and casters for added mobility and adjustability.



INCLINE SCREW CONVEYOR (MODEL ISC):

An optional standalone infeed system designed to integrate seamlessly with your semi-automatic auger filling machine. It ensures a consistent product flow, helping improve filling accuracy and efficiency.



CUSTOM UPGRADES:

All-Fill offers a range of custom upgrades tailored to your specific application to maximize performance and run time. For example, a heated hopper can be added to maintain product temperature during filling.

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.