

AUGER FILLERS

B/SERIES

Semi-Automatic Auger Filler with Enhanced Controls

All-Fill's B/Series of Auger Fillers uses advanced and flexible technology and ensure fast, accurate, and reliable auger filling of free flowing and non-free flowing powders and granular products. Standard models consist of a sturdy cast aluminum head containing the drive components, and an aluminum column mounted on a painted aluminum base. All-Fill's semi-automatic models can be seamlessly integrated conveying and indexing packages as well as packaging equipment such as form-fill-seal machines, cup fillers, and thermoformers. They can also be used for stand alone bench-top filling. Standard configurations can be easily adapted to individual 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/floor base, with or without lockable casters. Also available for direct mounting on form-fill-seal machines and other packaging line equipment, One-Piece Stainless Steel Head Cover and Stainless Steel Contact Parts, 3-Speed Fill Motor Drive System, Rugged Head Casting and Stable Cast Base |
| Production Rates: | Application and operator dependent |
| Controls: | PLC controlled, 7.00" Color touch screen HMI, foot pedal initiation |
| Control Features: | A self-aligning, quick-disconnect coupling on the hopper allows for fast removal and replacement for cleaning or product changeover. Individual control of all settings, alphanumeric product naming, Containers per minute readout, individual control of all settings, automatic tare, Users / Maintenance / Supervisor Login, Statistical analysis of a shift run, Clutch Brake: Standard 3-step belt drive with a 1-1/2 HP, 1200 RPM fill motor. An integral electro-magnetic clutch brake controls shaft movement. |
| Hopper Capacity: | A stainless steel 10 or 16 gal. hopper provides ample capacity and sufficient head pressure for repeatable, accurate filling, hopper extensions and covers are also available |
| Storage: | 100 product Memory |
| Electrical Requirements: | Fill Motor Input: 208/230/460V; 3-Phase; 60HZ. Standard Controls: 115V 50-60 HZ. Other ratings available upon request. |
| Machine Dimensions: | Base Model 45" x 82" |
| Changeovers: | Mostly toolless |
| Options: | Portable frame with jack assembly, Statistical package (USB), Optional level controls are available to provide high/low detection of product in the hopper, with actuation to external equipment for re-supply, product level control to signal infeed device, hopper cover, integration with OEM, 316 stainless steel contact and quick removal parts available, bag clamp, product level sensor |

CONFIGURATIONS TO FIT YOUR NEEDS:

All-Fill's field-proven semi-automatic fillers excel in a wide variety of applications including free flowing, non-free flowing and viscous/liquid products. Typical models consist of a sturdy, cast aluminum head containing the drive components and a stainless steel column mounted on a rugged aluminum column. Controls offered include a variety of PLC-based packages, which includes touchscreen operator interface. All-Fill semi-automatic models can be seamlessly integrated with packaging equipment such as vertical form-fill-seal, cup fillers and thermoformers. They can also be used for stand alone, benchtop filling. Standard configurations can be easily adapted to your individual requirements.

COMMON APPLICATIONS:

- Ground & Whole Bean Coffee
- Detergent Powder
- Ground & Flake Spice
- Flour Products
- Plastic Granules
- Jimmies & Sprinkles
- Sugar Products
- Rice & Grains
- Cosmetics
- Food Powder
- Dairy Powder
- Protein Powders
- Seeds & Fertilizers
- Cat Litter
- Talc
- Household chemicals
- Toner Powders
- Cement Powder
- Pharmaceuticals
- Industrial Chemicals
- Salt Products
- Corn Starch
- Infant Formula

ADDITIONAL MODEL OPTIONS:



MODEL B/600/SV:

Offers a brushless DC servo motor directly to the auger drive shaft and eliminates the need for a clutch/brake, belts, pulleys, and other parts subject to wear, reducing maintenance requirements and improving dependability.



VARIETY OF BASE OPTIONS:

Standard base is painted cast aluminum. Optional painted mild steel support frame with 7" travel jack assembly, and casters. Open frame design allows for upgrade to conveying/indexing package.



INCLINE SCREW CONVEYOR:

Upgrade to Model/ISC, a standalone infeed system and fits well with your semi-automatic auger filling system, supplying a steady flow of product, and improving filling accuracy.



CUSTOM UPGRADES:

Depending on your application, All-Fill can provide a variety of upgrades to maximize your product's run time. Shown above, a custom bag clamp to reduce waste and control airborne dust on powder products.

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