

AUGER FILLERS

SHA^e

Single Head Automatic Filling Machine

The SHAe Series provides a cost-effective solution for a wide range of free-flowing and non-free-flowing filling applications. Combining All-Fill's industry-proven auger filling head with an integrated conveyor mounted on a heavy-duty frame, the SHAe delivers reliable and accurate performance in a compact footprint. Container indexing controls ensure precise positioning and consistent movement of containers for repeatable, accurate fills across a variety of products and container types. The system is equipped with a Modicon PLC control system and touchscreen HMI, allowing operators to easily select, adjust, and monitor fill weights and machine functions. This intuitive interface simplifies setup and operation, improves efficiency, and supports consistent production performance, making the SHAe Series a dependable solution for high-quality filling.



SPECIFICATION SUMMARY:

Construction:	Painted and anodized aluminum components. Stainless steel product contact parts. Aluminum head castings with one-piece stainless steel covers. Sturdy tubular steel frame to support filling head and conveyor. Mechanical jack for raising and lowering fill head. Heavy-duty clutch brake system.
Production Rates:	Speeds up to 40 containers per minute (CPM), application dependent
Control Features:	4" color touchscreen HMI. Variable speed drive system. Speed-adjustable belt drive with continuous fill motor for high torque and cycle rates. Product level control. Adjustable frequency vibration for product settling. Adjustable guide rails. Slow-speed agitation capability. Motor starters and transformer included. Compatible with standard All-Fill accessories. Optional integration with in-line All-Fill checkweigher for automatic fill weight adjustment
Storage:	Stores up to 10 product recipes.
Hopper Capacity:	16 gallon hopper with dustproof cover and infeed duct
Conveyor:	6 ft. stainless steel channel frame. Dual-strand chain conveyor. Variable speed drive. Adjustable guide rails. Container indexing controls. No-container / no-fill sensor included. Integrated tubular steel support frame. Additional conveyor lengths available.
Electrical Requirements:	208/230/460V, 3-phase, 60 Hz
Pneumatic Requirements:	2 SCFM @ 60 PSI
Changeovers:	Primarily toolless for fast and efficient changeover
Options:	Slow-speed agitation system with stainless steel agitator blade. Adjustable-speed container vibrator (jogging type) for product settling and distribution. Pneumatic container lift. Bottom-up filling capability. Lift-and-hold and quick-drop container features. Adjustable stroke up to 7". Product level control system. Production counter.

CONFIGURATIONS TO FIT YOUR NEEDS:

All-Fill's automatic auger fillers are designed for complete, continuous container transport, positioning, filling and discharge to the next stage in the packaging process. Automatic models combine a standard fill head with an integral conveyor to move containers. An indexing system mounted on the conveyor regulates container movement toward the filling position, centers each container for filling, and then moves the container away. Available in single or multiple head configurations, automatic models can be equipped with a variety of accessories and options to suit particular container handling requirements or product characteristics.

MODEL	Integrated Scale	Servo Motor
MODEL SHAe	—	—
MODEL SHA	—	—
MODEL SHA/S	●	—
MODEL SHA/SV	—	●
MODEL SHA/S/SV	●	●

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:



INTEGRATE WITH OUR MODEL EW/8 CHECKWEIGHER

The All-Fill Model EW/8 Checkweigher is an excellent addition to any automatic filling system, enhancing accuracy while reducing product waste. It ensures fill weights remain consistent to your specified tolerances and automatically rejects any packages that fall outside of acceptable limits.



HORIZONTAL SCREW CONVEYOR: (MODEL HSC): An optional system mounted directly to the side of your semi-automatic auger filler head. It provides a consistent flow of product, reducing manual labor while improving overall machine efficiency.



CUSTOM OPTIONS:

The SHAe Series can be engineered to meet your specific production requirements, whether as a standalone unit or fully integrated with OEM equipment. Available configurations include features such as a fully enclosed fill station and a durable steel base cabinet for added protection and stability.

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.