AUGER FILLERS

DHA/SERIES

Dual Head Automatic Filling Machine

The DHA Series is a complete solution to your filling production line requirements. It consists of industry-proven All-Fill filling heads, and conveyor mounted on a sturdy frame. Container indexing controls to reliably move and position containers for filling. Allen Bradley PLC control system with touchscreen provides precise selection and adjustment of fill amounts and machine functioning. Provides easy setup, operation, and monitoring of the filling operation.

MODEL	Integrated Scale	Servo Motor
MODEL DHA	–	–
MODEL DHA/S	●	–
MODEL DHA/SV	–	●
MODEL DHA/S/SV	●	●

SPECIFICATION SUMMARY:

Construction:	Painted aluminum base, Anodized aluminum, Stainless steel contact parts, Sturdy tubular steel frame to support filling head and conveyor. Includes mechanical jack to raise/lower fill head. Aluminum head castings with one-piece stainless steel covers, Heavy duty clutch-brakes or servo direct drives
Production Rates:	Speeds ranging up to 65 CPM, application dependent
Control Features:	7" color touchscreen HMI, A speed adjustable belt drive and continuously-operating fill motor provides the torque and high cycle rates necessary for production filling. Product level control, Slow speed agitation, Motor starters and transformer, Adjustable frequency Vibration to settle product in container, Accepts standard All-Fill accessories, In-Line All-Fill Checkweigher with feedback to filling heads for instantaneous adjustment of filled amounts, adjustable Guide rails, variable speed drive
Storage:	100 Product Memory
Hopper Capacity:	16 gal. hoppers with dustproof cover and 6" infeed duct
Conveyors:	Standard 10 ft. Stainless steel conveyor channel with dual-strand stainless steel block conveyor chain or plastic tabletop conveyor, adjustable guide rails, and variable speed conveyor drive. Pneumatic container indexing with round end, cone point, wedge stop, or pressure stop adjustable indexing pins, additional lengths are available
Electrical Requirements:	Fill Motor Input: 208/230/460V; 3-Phase; 60HZ. Standard Controls: 115V 50-60 HZ. Other ratings available upon request.
Pneumatic Requirements:	4 SCFM @ 60 PSI
Changeovers:	Mostly toolless
Options:	Adjustable speed, jogging container vibrator to settle and distribute product in container. Pneumatic or servo container lift to raise/lower container to funnel, Container lift for bottom-up filling, product level control, lift and hold quick drop features, adjustable stroke to 7", Product Level control, production counter

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CONFIGURATIONS TO FIT YOUR NEEDS:

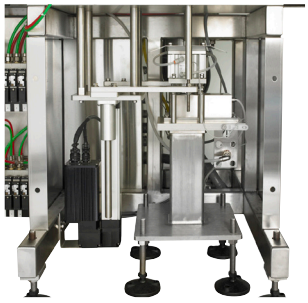
All-Fill's automatic auger fillers are designed for complete, continuous container transport, positioning, filling and discharge to the next stage in the packaging process. Automatic models combine a standard fill head with an integral conveyor to move containers. An indexing system mounted on the conveyor 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.

COMMON APPLICATIONS:

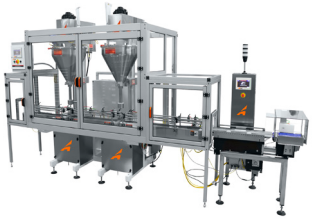
- Ground & Whole Bean Coffee
- Detergent Powders
- Ground & Flake Spices
- Flours
- Plastic Granules
- Jimmies & Sprinkles
- Sugars
- Rice & Grains
- Cosmetics Powders
- Food Powders
- Dairy Powders
- Protein Powders
- Seeds & Fertilizers
- Cat Litter
- Talc Powders
- Household Chemicals
- Toner Powders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

ADDITIONAL MODEL DETAILS:

HIGH PRODUCTION LINES:
Unique Servomotor driven cleated conveyor system allows accurate movement of empty and full containers throughout the system without container contact with the cleats during container weighing.



BUILT IN SCALE:
Model DHA/S/SV Automatic Dual Head/Dual Servomotor Fill-To-Weight System dispenses product in multiple size and weight containers at high speeds and high accuracy levels. Product weight filled to accuracies of +/- .1 to .5% of gross target weight.



CUSTOM OPTIONS:
The DHA Series can be engineered to meet your production requirements as a standalone machine or integrate seamlessly with OEM machines. The machine shown above has a fully enclosed fill station, steel base cabinet and checkweigher integration.

AUTOMATIC FEED FORWARD FEEDBACK:
Automatic container tare weight/final weight calculations ensure an accurate fill. Feedback is automatically sent from the scale to the appropriate filling head to adjust auger revolutions for the next fill.

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.**