

VIBRATORY FILLERS

GF/SERIES

Gross & Bulk Vibratory Filling Machine

The GF/Series Vibratory Filler is a gross and bulk vibratory filling machine, designed for the accurate bulk feeding, weighing, and dispensing of 5 to 100 lbs. of free-flowing products such as pretzels, aggregate, and candies into bags, boxes, or rigid containers. Using a vibratory feeder, the GF/Series promotes consistent product flow while maintaining product integrity throughout the filling process. The GF/Series is capable of filling at speeds of up to 10 containers per minute with accuracies of ± 0.25 to 1%. Built for durability and dependable performance, this vibratory filler is well-suited for bulk filling applications requiring both efficiency and precision, while offering flexibility to meet specific production requirements.



SPECIFICATION SUMMARY:

Construction:	All stainless steel, available in 1-4 lane configurations for semi-automatic or automatic models, painted mild steel available
Production Rates:	Speeds ranging up to 10 CPM per lane, depending on fill size.
Controls:	Embedded controller, 10.00" Color touch screen HMI, foot pedal initiation
Control Features:	Individual control of all settings, alpha-numeric product naming, bulk and dribble speed control, Containers per minute readout, individual control of all settings, automatic tare of weigh platform, Users / Maintenance / Supervisor Login, Statistical analysis of a shift run, Weigh units of measure, Weight or count mode
Hopper Capacity:	Supply hopper capacity of 5 cu. ft., other options available: hopper extensions and covers
Machine Dimensions:	Feed pan widths from 4.00" to 16.00", Platform scale sizes from 12.00" to 24.00"
Storage:	100 product Memory
Electrical Requirements:	120V / 1ph/60HZ standard (other voltages available)
Pneumatic Requirements:	2 SCFM @ 60 PSI
Changeovers	Fix mounted - tools required
Options:	Conveyor with indexing/automation may require container lift, Nylon coating and dimpled contact surfaces, Statistical package (USB), various washdown and sanitary designs, Variety of fill accessories, nozzles or chutes, Electric dribble feed gate, heavy duty vibrator, additional lanes for increased production, product level control to signal infeed device, hopper cover, integration with OEM, 316 stainless steel contact and quick removal parts available, bag clamp

CONFIGURATIONS TO FIT YOUR NEEDS:

Vibratory Fillers are well suited for products that could become damaged when filling with auger filling equipment and other types of free-flowing products such as whole bean coffee, small nuts, rice, grains, confectionary items, and others. The GF/Series consists of a stainless steel hopper for the bulk supply of product. A matched pair of electromagnetic vibrator and vibrating tray transport the product to a weigh platform with the container to be filled is waiting. The container is tared out, and product is filled directly into the container. Central to the GF/Series design is the VF700 single board controller and custom-developed touch screen Human/Machine Interface (HMI) controls. All major control parameters and settings are easily selected from a series of screens on the panel. Multiple product recipes allow setups for each container, product, or fill amount to be stored and recalled. Dedicated test screens and selections available for individual operation of each machine component for testing, adjustment, or troubleshooting. Statistical and reporting screens instantly summarize important production details and totals directly from the production line.

COMMON APPLICATIONS:

- Pretzels
- Granola
- Candy
- Whole Bean Coffee
- Ground Coffee
- Metal Hardware
- Plastic Granules
- Popcorn
- Pet Food
- Cloves
- Wax Beads
- Cannabis
- Fresh & Frozen Fruit
- Coated Gummies
- Potato Chips
- Cookies
- Tobacco Products
- Tea Products
- Tortilla Chips
- Pasta Products
- Dehydrated Meat & Jerky
- Confections
- Shredded Cheese
- Wood & Hop Pellets
- Grains & Seeds
- Raisins
- Glass beads
- Glitter Products
- Beans & Legumes
- Minced & Whole Garlic
- Plant Food & Fertilizers
- Dried Fruit
- Cereal
- Truffles
- Chick Peas

ADDITIONAL MODEL DETAILS:



VARIETY OF PAN WIDTHS

Pan widths from 4"-16" are available. Bulk & Dribble option is available.



LEVEL CONTROL

Infeed hopper mounted product level control sensor for controlling infeed systems.



PLATFORM SCALE

Platform scale allows final packaging container to be tared and filled into directly.



10 INCH COLOR HMI SCREEN

10" Human Machine Interface(HMI) allows the operator to create, store, edit and recall 100 unique product recipes for a variety of filling applications.

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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